Summary of British Columbia Herring Biological Sampling Data for the 1995 - 1996 Season

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ABSTRACT

Midgley, P. and J. Schweigert. 2002. Summary of British Columbia herring biological sampling data for the 1995 - 1996 season. Can. Data Rep. Fish. Aquat. Sci. 1094: 117 p.

Age compositions and the average length and weight at age, the sex ratio, and the maturity states of herring samples combined by geographical area, time period, gear type, and source are tabulated for the 1995 - 1996 season. Tables are given for two geographical groupings: statistical areas and herring sections.

RÉSUMÉ

Midgley, P. and J. Schweigert. 2002. Summary of British Columbia herring biological sampling data for the 1995 - 1996 season. Can. Data Rep. Fish. Aquat. Sci. 1094: 117 p.

Ce rapport présente la répartition par âge, la taille moyenne et le poids en fonction de l'âge, la proportion par sexe et l'état de maturité de l'harengs chantillonnés en 1995 - 1996, par région géographique, période de l'année, genre d'engin de pêche et provenance. Les tableaux sont divisés en deux regroupements géographiques: zones statistiques et sections d'harengs.

INTRODUCTION

Biological samples of herring are collected and processed annually for length, weight, sex, maturity, age, gonad weight, and gonad length. This information is used in stock assessments, and for determining stock characteristics. Additionally, it is useful to fishery managers located along the coast of British Columbia. The information presented here is for the 1995 - 1996 herring season which extends from July 1, 1995 to June 30, 1996. This report summarizes biological characteristics by different gear and source types, as well as different levels of geographic aggregation. The smallest level of aggregation is by herring section (Figs. 1 - 6), which is a subdivision of Statistical Area. Stock assessments are conducted at a region level of geographic aggregation (Fig. 7).

Biological characteristics of individual fish collected annually since the 1950-51 season are maintained on computer files. These files provide a 46-year series of data accessible for analyses and modelling.

METHODS

The two main sources of biological samples are the roe herring test fishing program and roe herring fisheries. While a major objective of the test fishing program is to provide support for fisheries management, a secondary objective is to collect biological samples throughout the geographic range of herring spawning aggregations. Test fishing operations are conducted to ensure that the vessels are available before and during the main spawning run in each area. Roe herring fisheries are the main source of commercial samples. Fisheries for roe herring are sampled with the goal of collecting ten samples from each seine fishery, and six samples from each gillnet fishery. A sampling plan is designed for each fishery to ensure that the sample series collected accurately represents biological characteristics of the entire catch in time and gear distribution, for each gear type.

Additional commercial samples are collected from the fall food and bait fisheries, which are currently very small both in quota and in numbers of vessels eligible to participate (e.g. 15 vessels in the fall 1995 fishery). Consequently, each vessel participating in this fishery is expected to provide a biological sample from their catch.

As well as commercial and test fishing samples, small numbers of research samples are collected by Fisheries and Oceans (DFO) vessels, and occasionally by chartered

commercial vessels throughout the year. Samples with source code "4" (other) are collected from various sources that do not fit into the categories described above.

In most instances biological samples are frozen on board vessels and shipped to the Pacific Biological Station where they are processed following standard procedures described by Hamer (1989). Data codes are presented in Table 1.

Gonad maturities are classified according to a modified Hjort maturity scale (Table 2). Female roe maturities in the data summaries are defined as:

Immature	- Hjort stages 1 - 4
Mature	- Hjort stages 5 - 6
Spent	- Hjort stages 7 - 8.

Fish classified as immature in estimating the sex ratio are those whose gonads were not sufficiently developed for sex determination.

DATA COMPILATION AND SCREENING

The biological sample information from each sample is entered directly into a computer as the fish are processed, using a data entry program. The data are subsequently screened by computer for relationships between age, length, and weight which are outside the normal range for the coast as a whole (mean +/- 2 standard deviations). Anomalies are listed, and the associated data checked for possible errors in recording or coding.

AGE DETERMINATION

Age determination is based on the number of annuli on the scales. Herring ages are reported using the "year of life" convention. That is, fish in their first year are designated as age "0+". Herring "birthdays" are considered to be at spawning, and not on January 1, as is the convention for many other fish species.

A revised system of ageing herring has been used since the 1987-88 season. Before that season, a fish was either assigned an age or was classified as unageable. With the revised ageing system, the option of two possible ages was used when it was difficult to positively determine the age. At present there is no optimal procedure for incorporating these data into age composition estimates, so they continue to be treated as unageable. Therefore, the age compositions in this report are based only on fish for which a single age was assigned.

RESULTS

BIOLOGICAL SAMPLING AND AGE COMPOSITIONS

In the 1995 - 1996 season 233 test fishing samples, 61 roe fishery samples, 44 "other" samples, 24 food and bait fishery samples, and 8 research samples were processed, bringing the total number for the season to 370 (Table 3 & 7). Eleven seine vessels, five gillnet vessels and two surface survey vessels in minor areas, were chartered to help manage the 1996 roe herring fisheries through hydro-acoustic surveys, test fishing, and spawn surveys. Details on the distribution of effort, and number of samples collected by chartered vessels are provided in Table 4. Roe fishery samples were collected from seine fisheries in areas 7, 14, 23 & 24 and from gillnet fisheries in areas 3, 4, 7 & 14 (Table 6). The Nuu-chah-nulth Tribal Council (NTC) collected 11 samples using a hand purse seine net, as part of a study designed to compare the characteristics of these samples with those of regular seine caught test fishing samples. Test fishing vessels collected 31 samples from spawn on kelp ponds (SOK), on an opportunistic basis. Food and bait fishery samples were taken from area 13, 14, 16 & 17. Research samples were collected by the R/V W.E.Ricker during a herring year-class strength and production survey off the west coast of Vancouver Island.

Age compositions for samples from the test fishery, and the seine and gillnet roe fisheries are summarized by section in Table 5.

The following types of information, with associated table numbers, are summarized in this report:

Codes for sample data	Table 1
Maturity stages for Pacific herring	Table 2
Listing of samples processed	Table 3
Charter vessel information	Table 4
1996 age compositions	Table 5
Roe herring fishery summaries	Table 6
Sample source summaries	Table 7
Data summaries	Tables 8 - 15.

The data summaries include various groupings of samples by geographical areas, gear types, and source types. Each summary contains information on the age composition, the average length and weight at age, the sex ratio, and the maturity stages of the combined samples in that report.

ACKNOWLEDGMENTS

The Fish Ageing Unit at the Pacific Biological Station determined the ages. J.O.Thomas and Associates Ltd. collected the roe fishery samples, and Tideview Services processed all samples. Lorena Hamer for processing the data.

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Bowers, A.B. and F.G.T. Holliday. 1961. Historical changes in the gonad associated with the reproductive cycle of the herring (Clupea harengus L.). Mar. Res. Scot. 5: 16 p.

Hamer, L. 1989. Procedures for collecting and processing British Columbia herring samples. Can. Manuscr. Rep. Fish. Aquat. Sci. 2030: 27 p.

Table 1. Codes for British Columbia herring sampling data.

A. Gear		B. Source	
19	Gillnet	0	Roe fishery
29	Seine	1	Bait fishery
20	Salmon seine	2	Research - inshore
21	Other seine	3	Research - offshore
70	Beach seine	4	Other
50	Other trawl	5	Test Fishery
59	Herring trawl	6	Food Fishery
01	Other	7	Reduction Fishery

C. Preservation		D. Sex	
0	Frozen	1	Male
1	Fresh	2	Female
2	Salted	3	Unknown
3	Other		
4	Brined		

Table 2. Maturity stages for Pacific herring (adapted from Bowers and Holliday 1961; Parrish and Saville 1965). These descriptions are intended as general guidelines. Length of time samples have been frozen, thawing time, and different handling procedures may alter the colour of the gonads. Therefore, the texture of the gonad is also used to assess maturity. The timing description is also a general guideline due to the wide range in spawn timing on the British Columbia coast.

Stage	State of Maturity	Gonad appearance	Description	Timing
I	Undeveloped	Thread-shaped	Virgin herring with small gonads, less than 2 mm broad. Accurate macroscopic determination of sex not possible. Fat is visible in the body cavity.	Year-round for young herring usually less than 150 mm in length. (However, some herring as small as 125 mm may have mature gonads.)
II	Starting	Ribbon-shaped	Gonads increased in breadth to 3-5 mm. Sex determination difficult. Testes reddish-grey coloured and knife-shaped. Ovaries reddish-wine coloured and bullet-shaped at tip. (The gonads of virgins and some repeat spawners cannot be differentiated macroscopically.) Fat is visible in the body cavity.	Late spring and early summer.
III	Developing	Tube-like	Gonads thickened, increased in breadth (5-15 mm) and elongated, but not extending full length of body cavity. Ovaries red to reddish-orange, granular in appearance, and bullet-shaped at the tip. Testes reddish-grey, smooth in appearance, and knife-shaped.	Usually late summer to early fall, but may extend into winter and early spring.
IV	Maturing	Prominent	Gonads extend full length of body cavity. Ovaries reddish-orange to yellow; eggs distinguishable, opaque, variable in size and separate. Testes mostly grey, firmer, and will ooze milt if sliced with a knife. Blood vessels often clearly visible in the ovary and testes walls.	Usually late fall and winter, but may extend to as late as March. (Slightly earlier in males than females.)

Table 2 (cont'd)

Stage	State of Maturity	Gonad appearance	Description	Timing
V	Mature	Bulging	Few or no blood vessels visible in gonad walls. Walls of body cavity thin. Ovaries gold-yellow, firm and will often break into sections. Eggs mostly transparent and uniform in size. Testes usually milk-white, soft and plump; and milt will flow under pressure.	Mid-winter to late spring.
VI	Ripe	Running	Gonads do not hold their shape. Ovaries look and feel gelatinous. Segmentation is lost. Eggs are transparent and sticky to the touch. Testes runny, and have a curdled appearance. Milt flows easily without external pressure.	A few days prior to spawning (usually in late winter to spring).
VII	Spent	Baggy	Gonads slack. Sex determination difficult. Ovaries may contain a few residual eggs. Testes limp and bloodshot. Body wall thin and no fat present; blood in body cavity.	Spring for the first few weeks following spawning.
VIII	Recovering	Compressed	Gonads wide-coloured and usually longer, fuller and not as slack as Stage VII. Blood vessels prominent. Little or no fat in the body cavity.	Late spring and early summer.

Table 3. Biological sampling information by statistical area, herring section and location for the 1995 - 1996 season.

Area	Sect	Location	Sample Number	Year	Month	Day	Gear	Source	Pres	No. of Fish	
										Sampled	Aged
13	132	DEEPWATER BAY	1	95	12	06	29	6	0	100	93
17	173	NORTHUMBERLAND CHANNEL	2	95	11	30	29	6	0	100	96
17	173	NORTHUMBERLAND CHANNEL	3	95	11	29	29	6	0	100	94
14	142	NORRIS ROCKS	4	95	11	19	29	6	0	100	93
23	239	FORTY MILE BANK	5	95	08	06	59	3	0	100	49
17	172	NANOOSE BAY	6	95	11	14	29	6	0	99	90
17	172	MAUDE ISLAND	7	95	11	28	29	6	0	100	82
23	239	FORTY MILE BANK	8	95	08	04	59	3	0	100	39
17	173	NORTHUMBERLAND CHANNEL	9	95	11	13	29	6	0	100	93
17	173	NORTHUMBERLAND CHANNEL	10	95	11	29	29	6	0	100	95
17	172	MAUDE ISLAND	11	95	11	28	29	6	0	62	47
14	142	CHROME ISLAND	12	95	11	27	29	6	0	100	92
17	172	NANOOSE BAY ENTRANCE	13	95	11	13	29	6	0	100	92
14	143	NILE CREEK	14	95	11	27	29	6	0	100	95
17	172	NANOOSE BAY	15	95	11	08	29	6	0	100	84
23	239	SOUTH WEST CORNER +	16	95	08	05	59	3	0	100	73
13	132	DEEPWATER BAY	17	95	12	06	29	6	0	100	87
17	172	NANOOSE BAY	18	95	11	14	29	6	0	100	89
23	233	IMPERIAL EAGLE (MIDDLE) CH.	19	95	08	08	59	3	0	100	54
21	219	SWIFTSURE BANK	20	95	08	07	59	3	0	100	59
13	132	DEEPWATER BAY	21	95	12	06	29	6	0	100	92
23	233	IMPERIAL EAGLE (MIDDLE) CH.	22	95	08	07	59	3	0	100	11
23	239	FORTY MILE BANK	23	95	08	04	59	3	0	100	90
13	132	DEEPWATER BAY	24	95	11	23	29	6	0	64	61
14	143	NORTHWEST BAY	25	95	12	14	29	6	0	100	96
23	239	FINGER BANK +	26	95	08	06	59	3	0	100	86
17	172	NANOOSE BAY	27	95	11	08	29	6	0	99	91
14	142	NORRIS ROCKS	1	96	03	08	29	5	0	100	91
14	142	CHROME ISLAND	2	96	03	05	29	5	0	100	94
14	142	BAYNES SOUND	3	96	03	06	29	5	0	100	95
14	142	NORMAN POINT	4	96	03	03	29	5	0	100	92
14	143	MAPLEGUARD PT.	5	96	03	05	29	5	0	100	92
14	142	COLLISHAW POINT	6	96	03	03	29	5	0	20	19
14	143	NILE CREEK	7	96	03	10	29	5	0	100	89
14	142	FANNY BAY	8	96	03	10	29	5	0	100	96
14	142	METCALF BAY	9	96	03	07	29	5	0	100	92
14	142	SEAL ISLETS	10	96	03	07	29	5	0	100	93
14	142	NORRIS ROCKS	11	96	03	04	29	5	0	100	92
27	273	HAZARD POINT	12	96	03	06	29	4	0	100	90
27	273	FORWARD INLET	13	96	03	02	29	5	0	100	92
27	273	MATTHEWS ISLAND	14	96	03	06	29	4	0	100	99
14	142	FLORA ISLET	15	96	03	03	29	5	0	100	93
27	271	GILLAM ISLANDS	16	96	02	28	29	5	0	100	95
25	253	CENTRE ISLAND	17	96	03	04	29	5	0	100	97
27	272	KLASKISH INLET N. SHORE	18	96	02	27	29	5	0	100	95
27	272	MCDOUGAL ISLAND	19	96	03	11	29	5	0	100	94
27	273	HAZARD POINT	20	96	03	04	29	4	0	100	98
23	232	FORBES ISLAND	21	96	03	03	29	5	0	100	97
23	232	BEG ISLANDS	22	96	03	05	29	5	0	100	91
14	142	COMOX HARBOUR	23	96	03	07	29	5	0	100	82
23	232	STOPPER ISLANDS	24	96	03	04	29	5	0	100	93
23	232	FORBES ISLAND	25	96	03	12	29	5	0	100	96
23	232	FOOD ISLETS	26	96	03	13	29	5	0	100	95
23	232	FOOD ISLETS	27	96	03	12	29	5	0	100	96
23	232	FOOD ISLETS	28	96	03	01	29	5	0	100	88
23	232	FOOD ISLETS	29	96	03	11	29	5	0	100	92
23	232	FOOD ISLETS	30	96	03	10	29	5	0	100	92
23	232	MAGGIE RIVER	31	96	03	14	29	5	0	100	95
23	232	CHROW ISLANDS	32	96	02	29	29	5	0	100	85

Table 3. Biological sampling information by statistical area, herring section and location for the 1995 - 1996 season.

Area	Sect	Location	Sample Number	Year	Month	Day	Gear	Source	Pres	No. of Fish	
										Sampled	Aged
23	232	CHROW ISLANDS	33	96	03	06	29	5	0	100	93
23	232	FORBES ISLAND	34	96	03	01	29	5	0	100	90
23	232	ST. INES ISLAND	35	96	02	29	29	5	0	100	97
23	232	LYALL POINT	36	96	02	27	29	5	0	100	95
23	232	FOOD ISLETS	37	96	03	05	29	5	0	100	96
23	232	BBG ISLANDS	38	96	03	08	29	5	0	100	93
23	232	FOOD ISLETS	39	96	02	28	29	5	0	100	87
23	232	FOOD ISLETS	40	96	03	02	29	5	0	100	89
14	143	NORTHWEST BAY	41	96	03	02	29	5	0	100	96
23	232	CHROW ISLANDS	42	96	03	12	29	5	0	100	91
24	243	SYDNEY INLET	43	96	02	25	29	5	0	100	91
14	142	WILLEMAR BLUFF	44	96	03	08	29	5	0	100	91
14	143	THAMES CREEK	45	96	03	03	29	5	0	100	95
23	232	BBG ISLANDS	46	96	03	13	29	5	0	100	92
14	142	SANDY ISLAND	47	96	03	05	29	5	0	100	90
14	142	SANDY ISLAND	48	96	03	06	29	5	0	100	93
24	245	CYPRESS BAY	49	96	03	17	29	0	0	100	91
24	243	SYDNEY INLET	50	96	02	28	29	5	0	100	93
23	232	FOOD ISLETS	51	96	03	11	29	5	0	100	96
14	142	DENMAN ISLAND (EAST)	52	96	03	05	29	5	0	100	98
14	143	NILE CREEK	53	96	03	01	29	5	0	100	90
23	232	CHROW ISLANDS	54	96	03	11	29	5	0	100	89
23	232	BBG ISLANDS	55	96	03	08	29	5	0	100	93
24	243	SYDNEY INLET	56	96	02	24	29	5	0	100	89
24	243	SYDNEY INLET	57	96	02	29	29	4	0	100	91
14	142	KOMAS BLUFF	58	96	03	06	29	5	0	100	89
24	245	CYPRESS BAY	59	96	03	17	29	0	0	100	92
23	232	FORBES ISLAND	60	96	03	10	29	5	0	100	92
14	142	COMOX BAR	61	96	03	06	29	5	0	100	91
14	142	KOMAS BLUFF	62	96	03	01	29	5	0	100	93
14	142	BOYLE POINT	63	96	03	09	29	5	0	100	96
17	172	ICARUS POINT	64	96	03	17	29	5	0	100	90
14	142	KOMAS BLUFF	65	96	03	12	29	5	0	100	92
14	142	DENMAN ISLAND (EAST)	66	96	03	05	29	5	0	100	92
14	142	WHITE SPIT	67	96	03	04	29	5	0	100	94
23	233	VERNON BAY	68	96	03	07	29	5	0	100	94
25	252	MCKAY PASSAGE	69	96	03	14	29	4	0	100	71
14	142	GARTLEY POINT	70	96	03	08	29	5	0	100	96
25	252	MCKAY PASSAGE	71	96	03	14	29	4	0	100	68
14	142	CHROME ISLAND	72	96	03	05	29	5	0	100	93
14	142	KOMAS BLUFF	73	96	03	05	29	5	0	100	91
14	142	SEAL ISLETS	74	96	03	10	29	5	0	100	91
14	142	GARTLEY POINT	75	96	03	06	29	5	0	100	96
23	232	BBG ISLANDS	76	96	03	14	29	5	0	100	99
14	142	SEAL ISLETS	77	96	03	02	29	5	0	100	97
14	142	FLORA ISLET	78	96	03	02	29	5	0	100	92
14	142	SEAL ISLETS	79	96	03	05	29	5	0	100	91
14	142	GOOSE SPIT	80	96	03	07	29	5	0	100	94
14	142	NORRIS ROCKS	81	96	03	12	29	5	0	100	93
14	142	SANDY ISLAND	82	96	03	01	29	5	0	100	90
14	142	FLORA ISLET	83	96	03	02	29	5	0	100	93
14	142	SEAL ISLETS	84	96	02	29	29	5	0	100	89
14	142	LONGBEAK POINT	85	96	03	03	29	5	0	100	99
14	142	NORRIS ROCKS	86	96	02	26	29	5	0	100	94
14	142	LONGBEAK POINT	87	96	02	25	29	5	0	100	91
14	142	UNION POINT	88	96	03	07	29	5	0	100	93
15	152	POWELL RIVER MILL	89	96	02	24	29	5	0	100	0
14	142	GARTLEY POINT	90	96	03	09	29	5	0	100	97
07	74	POTTS ISLAND	91	96	03	04	29	5	0	100	99
07	78	NEEKAS INLET	92	96	03	15	29	5	0	100	94
06	67	WILBY POINT	93	96	03	03	29	5	0	100	82
07	74	DUNDIVAN INLET	94	96	03	07	29	5	0	100	94
07	74	DUNDIVAN INLET	95	96	03	14	29	5	0	100	93

Table 3. Biological sampling information by statistical area, herring section and location for the 1995 - 1996 season.

Area	Sect	Location	Sample Number	Year	Month	Day	Gear	Source	Pres	No. of Fish	
										Sampled	Aged
07	78	NEEKAS INLET	96	96	03	16	29	5	0	100	98
07	74	RAYMOND PASS	97	96	03	10	29	5	0	100	96
07	74	DUNDIVAN INLET	98	96	03	02	29	5	0	100	96
07	72	SPILLER CHANNEL	99	96	03	14	29	5	0	100	95
07	77	EAST HIGGINS PASS	100	96	03	03	29	5	0	100	94
07	74	WASKESIU PASS	101	96	03	15	29	5	0	100	97
07	72	FISHER POINT	102	96	03	19	29	5	0	100	95
07	72	IVORY ISLAND	103	96	03	08	29	5	0	100	94
08	85	KWAKSHUA CHANNEL	104	96	03	06	29	5	0	100	95
07	74	WASKESIU PASS	105	96	03	20	29	4	0	100	92
07	72	SHINGLE ROCK	106	96	03	19	29	5	0	100	95
07	74	THOMPSON BAY (HEAD)	107	96	03	10	29	5	0	100	95
07	74	WASKESIU PASS	108	96	03	23	29	4	0	100	99
07	72	FISHER POINT	109	96	03	20	29	5	0	100	98
07	74	SEAFORTH CHANNEL	110	96	03	11	29	5	0	100	95
17	172	MAUDE ISLAND	111	96	02	21	29	5	0	100	96
23	232	BRYANT ISLANDS	112	96	02	25	29	5	0	100	95
14	142	LONGBEAK POINT	113	96	02	27	29	5	0	100	94
14	143	LITTLE QUALICUM RIVER	114	96	03	01	29	5	0	100	96
14	142	KOMAS BLUFF	115	96	02	28	29	5	0	100	98
18	182	PLUMPER SOUND	116	96	02	24	29	5	0	100	93
14	143	FRENCH CREEK	117	96	02	28	29	5	0	100	94
14	143	MISTAKEN ISLAND	118	96	02	24	29	5	0	100	99
14	143	MADRONA POINT	119	96	02	24	29	5	0	100	90
24	245	STARLING POINT	120	96	02	22	29	5	0	100	91
14	143	MISTAKEN ISLAND	121	96	02	28	29	5	0	100	98
14	142	SANDY ISLAND	122	96	02	25	29	5	0	100	38
17	172	MAUDE ISLAND	123	96	02	24	29	5	0	100	93
14	142	SANDY ISLAND	124	96	02	27	29	5	0	100	93
25	252	SAAVEDRA ISLANDS	125	96	03	25	29	4	0	100	95
25	252	SAAVEDRA ISLANDS	126	96	03	25	29	4	0	100	91
25	253	ROSA HARBOUR	127	96	02	29	29	5	0	100	96
14	142	NORRIS ROCKS	128	96	02	24	29	5	0	100	94
14	142	KOMAS BLUFF	129	96	02	25	29	5	0	100	98
17	172	MAUDE ISLAND	130	96	02	27	29	5	0	100	90
14	142	COMOX HARBOUR	131	96	03	08	29	0	0	100	94
14	142	KOMAS BLUFF	132	96	03	15	19	0	0	92	78
14	143	NILE CREEK	133	96	03	15	19	0	0	100	78
14	142	GARTLEY POINT	134	96	03	07	29	0	0	100	71
14	142	DOWNES POINT	135	96	03	15	19	0	0	100	79
14	142	KOMAS BLUFF	136	96	03	15	19	0	0	100	86
14	142	CHROME ISLAND	137	96	03	15	19	0	0	100	86
14	142	REPULSE POINT	138	96	03	15	19	0	0	100	53
14	142	KOMAS BLUFF	139	96	03	15	19	0	0	100	84
14	142	SHIP POINT	140	96	03	08	29	0	0	100	85
14	142	UNION POINT	141	96	03	07	29	0	0	100	95
23	232	CHROW ISLANDS	142	96	03	15	29	0	0	100	77
14	142	COMOX HARBOUR	143	96	03	08	29	0	0	100	95
14	142	COMOX BAR	144	96	03	07	29	0	0	100	92
14	142	COMOX BAR	145	96	03	07	29	0	0	100	89
23	232	NEWCOMBE CHANNEL	146	96	03	14	29	0	0	100	86
24	245	MAURUS CHANNEL	147	96	03	17	29	0	0	100	68
24	245	HECATE BAY	148	96	03	17	29	0	0	100	82
14	142	GOOSE SPIT	149	96	03	07	29	0	0	100	82
14	142	COMOX BAR	150	96	03	07	29	0	0	100	88
09	93	RIVERS INLET-HEAD	151	96	03	25	29	5	0	100	96
12	127	GLACIER BAY +	152	96	03	22	29	5	0	100	95
12	125	BOND SOUND	153	96	03	30	29	5	0	100	86
09	92	GOOSE BAY	154	96	03	26	29	5	0	100	93
09	92	GOOSE BAY	155	96	03	15	29	5	0	100	92
12	125	BOND SOUND	156	96	03	24	29	5	0	100	97
09	93	RIVERS INLET-HEAD	157	96	03	25	29	5	0	100	94
12	124	KINNAIRD ISLAND	158	96	03	27	29	5	0	100	90

Table 3. Biological sampling information by statistical area, herring section and location for the 1995 - 1996 season.

Area	Sect	Location	Sample Number	Year	Month	Day	Gear	Source	Pres	No. of Fish	
										Sampled	Aged
12	126	WAKEMAN SOUND	159	96	03	13	29	4	0	100	94
10	102	TAKUSH HARBOUR	160	96	03	16	29	5	0	100	95
12	122	HARDY BAY	161	96	03	17	29	5	0	100	97
09	92	GOOSE BAY	162	96	03	26	29	5	0	100	87
12	123	BONES BAY	163	96	03	29	29	5	0	100	96
23	232	BBG ISLANDS	164	96	03	14	29	5	0	100	89
12	122	BEAVER HR. (FT. RUPERT)	165	96	03	16	29	4	0	100	95
24	243	SYDNEY INLET	166	96	02	26	29	5	0	100	92
12	126	WAKEMAN SOUND	167	96	03	12	29	4	0	100	94
12	125	THOMPSON SOUND	168	96	03	19	29	5	0	100	93
16	163	IRVINES LANDING	169	96	03	29	29	1	0	100	66
12	124	KINNAIRD ISLAND	170	96	03	27	29	5	0	100	72
05	52	ABSALOM ISLAND	171	96	03	23	29	5	0	100	94
05	52	ROBERT ISLAND	172	96	03	31	29	4	0	100	95
04	42	TUOWELL ISLAND	173	96	03	20	29	5	0	100	96
05	52	ROBERT ISLAND	174	96	03	30	29	4	0	100	94
04	42	MIST ISLAND	175	96	03	19	29	5	0	100	96
05	52	CLAMSHELL ISLAND	176	96	03	26	29	5	0	100	96
04	42	GORDON POINT	177	96	03	15	29	5	0	100	95
05	52	COQUITLAM ISLAND	178	96	03	29	29	5	0	100	93
04	42	FORTUNE POINT	179	96	03	17	29	5	0	100	97
05	52	ROBERT ISLAND	180	96	03	30	29	4	0	100	99
07	72	SPILLER CHANNEL	181	96	03	19	29	5	0	100	94
07	72	IVORY ISLAND	182	96	03	20	29	0	0	100	98
06	67	MARVIN ISLANDS	183	96	03	15	29	5	0	100	96
07	74	THOMPSON BAY	184	96	03	26	1	4	0	100	94
07	72	FISHER POINT	185	96	03	18	29	5	0	100	93
07	77	EAST HIGGINS PASS	186	96	03	13	29	5	0	100	97
07	78	NEEKAS INLET	187	96	03	22	29	5	0	100	85
07	74	SEAFORTH CHANNEL	188	96	03	20	29	5	0	100	95
07	72	FISHER POINT	189	96	03	19	29	5	0	100	96
07	77	EAST HIGGINS PASS	190	96	03	23	29	5	0	100	91
25	252	SAAVEDRA ISLANDS	191	96	03	30	29	4	0	100	99
14	142	SANDY ISLAND	192	96	03	07	29	0	0	100	80
04	42	DUNCAN BAY	193	96	03	23	29	5	0	100	96
05	52	GURD ISLAND	194	96	03	27	29	5	0	100	98
25	253	ROSA HARBOUR	195	96	03	12	29	5	0	100	99
05	52	VISCOUNT POINT	196	96	03	24	29	5	0	100	99
07	72	SPILLER CHANNEL	197	96	03	17	29	5	0	100	83
07	78	MATHIESON CHANNEL	198	96	03	14	29	5	0	100	98
25	253	ROSA ISLAND	199	96	03	11	29	5	0	100	94
25	253	ROSA ISLAND	200	96	03	11	29	5	0	100	89
05	52	WILLIS BAY	201	96	03	26	29	5	0	100	98
05	52	GURD INLET	202	96	04	05	29	4	0	100	99
05	52	ROBERT ISLAND	203	96	04	03	29	4	0	100	96
04	42	FLAT TOP ISLETS	204	96	03	23	29	5	0	100	99
05	52	ROBERT ISLAND	205	96	03	29	29	4	0	100	96
05	52	GURD INLET	206	96	03	29	29	4	0	100	96
05	52	GURD INLET	207	96	03	30	29	4	0	100	96
05	52	WILLIS BAY	208	96	03	22	29	5	0	100	98
05	52	ROBERT ISLAND	209	96	03	31	29	4	0	100	97
14	142	DEEP BAY	210	96	03	08	29	0	0	100	89
07	77	EAST HIGGINS PASS	211	96	03	25	29	4	0	100	94
14	142	COMOX BAR	212	96	03	07	29	0	0	100	72
14	142	BAYNES SOUND	213	96	03	08	29	0	0	100	82
14	142	SHIP POINT	214	96	03	08	29	0	0	100	87
04	42	FORTUNE POINT	215	96	03	17	29	5	0	100	99
04	42	FINLAYSON ISLAND WEST	216	96	03	22	29	5	0	100	95
14	142	GOOSE SPIT	217	96	03	08	29	0	0	100	86
05	52	VISCOUNT POINT	218	96	03	29	29	5	0	100	92
25	253	ROSA ISLAND	219	96	03	11	29	5	0	100	96
06	67	KITASU BAY	220	96	03	17	29	5	0	100	99
24	245	MAURUS CHANNEL	221	96	03	17	29	0	0	100	95

Table 3. Biological sampling information by statistical area, herring section and location for the 1995 - 1996 season.

Area	Sect	Location	Sample Number	Year	Month	Day	Gear	Source	Pres	No. of Fish	
										Sampled	Aged
07	72	EVENING ISLETS	222	96	03	20	29	0	0	100	92
07	72	FISHER POINT	223	96	03	20	29	0	0	100	85
24	245	STONE ISLAND	224	96	03	17	29	0	0	100	82
07	72	FISHER POINT	225	96	03	20	29	0	0	100	82
07	74	JOANNA ROCK	226	96	03	23	19	0	0	100	79
07	72	POWELL ANCHORAGE	227	96	03	23	19	0	0	100	91
24	245	HECATE BAY	228	96	03	17	29	0	0	100	92
07	72	IVORY ISLAND	229	96	03	20	29	0	0	100	85
07	72	POWELL ANCHORAGE	230	96	03	23	19	0	0	100	85
14	142	GOOSE SPIT	231	96	03	07	29	0	0	100	84
07	74	SEAFORTH CHANNEL	232	96	03	23	19	0	0	100	81
07	72	SPILLER CHANNEL	233	96	03	20	29	0	0	100	82
04	42	FORTUNE POINT	234	96	03	27	19	0	0	100	83
04	42	BIG BAY	235	96	03	27	19	0	0	100	78
03	33	PORT SIMPSON	236	96	03	27	19	0	0	100	87
04	42	BIG BAY	237	96	03	27	19	0	0	100	85
06	67	MARVIN ISLANDS	238	96	03	12	29	5	0	100	93
04	42	BURNT CLIFF ISLAND	239	96	03	27	19	0	0	100	93
07	72	FISHER POINT	240	96	03	20	29	0	0	100	94
07	77	EAST HIGGINS PASS	241	96	03	07	29	5	0	100	95
07	72	FISHER POINT	242	96	03	20	29	0	0	100	73
06	67	KITASU BAY	243	96	03	17	29	5	0	100	95
07	72	BERRY INLET	244	96	03	20	29	0	0	100	87
07	72	IVORY ISLAND	245	96	03	20	29	0	0	100	89
07	72	BUSH POINT	246	96	03	20	29	0	0	100	96
07	72	EVENING ISLETS	247	96	03	23	19	0	0	100	84
07	72	SHINGLE ROCK	248	96	03	20	29	0	0	100	89
07	72	FISHER POINT	249	96	03	23	19	0	0	100	78
07	72	BUSH POINT	250	96	03	20	29	0	0	100	95
06	67	KITASU BAY	251	96	03	09	29	5	0	100	97
06	67	MARVIN ISLANDS	252	96	03	08	29	5	0	100	92
17	173	NORTHUMBERLAND CHANNEL	253	96	03	17	29	5	0	100	93
23	232	CHROW ISLANDS	254	96	03	14	29	0	0	100	69
17	173	RUXTON PASS	255	96	03	19	29	5	0	100	93
14	142	DEEP BAY	256	96	03	08	29	0	0	100	90
03	33	PORT SIMPSON	257	96	03	27	19	0	0	100	85
04	43	ISLAND POINT	258	96	03	27	29	4	0	100	93
23	232	NEWCOMBE CHANNEL	259	96	03	14	29	0	0	100	74
07	72	POWELL ANCHORAGE	260	96	03	23	19	0	0	100	68
07	78	NEEKAS INLET	261	96	03	21	29	5	0	100	98
07	72	IVORY ISLAND	262	96	03	21	29	5	0	100	95
07	77	EAST HIGGINS PASS	263	96	03	16	29	5	0	100	97
06	67	KITASU BAY	264	96	03	12	29	5	0	100	99
08	85	KWAKSHUA CHANNEL	265	96	03	15	29	5	0	100	98
18	181	PREVOST ISLAND	266	96	02	25	29	5	0	100	92
13	132	DEEPWATER BAY	267	96	02	25	29	5	0	100	95
23	232	LYALL POINT	268	96	02	24	29	5	0	100	94
07	72	SPILLER CHANNEL	269	96	03	18	29	5	0	100	99
23	232	MAYNE BAY	270	96	02	20	29	5	0	100	93
25	253	ROSA HARBOUR	271	96	03	03	29	4	0	100	95
25	253	ROSA HARBOUR	272	96	03	02	29	4	0	100	96
23	232	FORBES ISLAND	273	96	02	18	29	5	0	100	91
24	243	ADVENTURE POINT	274	96	02	21	29	5	0	100	88
07	78	NEEKAS INLET	275	96	03	21	29	5	0	100	90
25	253	ROSA HARBOUR	276	96	02	25	29	5	0	100	95
23	232	CASTLE ISLET	277	96	02	20	29	5	0	100	96
25	253	ROSA HARBOUR	278	96	03	03	29	4	0	100	89
25	253	ROSA HARBOUR	279	96	02	29	29	5	0	100	97
25	253	ROSA HARBOUR	280	96	03	03	29	4	0	100	99
25	253	ROSA HARBOUR	281	96	03	02	29	4	0	100	95
12	123	CALL INLET	282	96	03	30	29	5	0	100	87
25	253	ESPERANZA INLET	283	96	02	25	29	5	0	100	91
23	232	FORBES ISLAND	284	96	02	23	29	5	0	100	96

Table 3. Biological sampling information by statistical area, herring section and location for the 1995 - 1996 season.

Area	Sect	Location	Sample Number	Year	Month	Day	Gear	Source	Pres	No. of Fish	
										Sampled	Aged
23	233	VERNON BAY	285	96	03	09	29	5	0	100	97
25	253	ESPERANZA INLET	286	96	02	27	29	4	0	100	98
23	232	FOOD ISLETS	287	96	03	08	29	5	0	100	92
23	232	FORBES ISLAND	288	96	02	23	29	5	0	100	90
14	142	COMOX BAR	289	96	02	28	29	5	0	100	93
07	74	WASKESIU PASS	290	96	03	17	29	5	0	100	96
14	142	LONGBEAK POINT	291	96	03	03	29	5	0	100	95
23	232	MACOAH PASSAGE	292	96	03	14	21	4	0	100	90
23	232	MACOAH PASSAGE	293	96	03	14	21	4	0	100	94
23	232	DAVID ISLAND	294	96	03	15	21	4	0	100	95
23	232	MACOAH PASSAGE	295	96	03	14	21	4	0	100	98
23	232	MAGGIE RIVER	296	96	03	15	21	4	0	100	93
23	232	MAGGIE RIVER	297	96	03	15	21	4	0	100	98
23	232	DAVID ISLAND	298	96	03	15	21	4	0	100	97
23	232	NEWCOMBE CHANNEL	299	96	03	15	21	4	0	98	97
23	232	NEWCOMBE CHANNEL	300	96	03	15	21	4	0	100	93
23	232	MACOAH PASSAGE	301	96	03	13	21	4	0	100	96
23	232	MACOAH PASSAGE	302	96	03	15	21	4	0	100	92
12	127	KNIGHT INLET (HEAD)	303	96	03	22	29	5	0	74	0
09	93	RIVERS INLET-HEAD	304	96	03	15	1	4	0	18	18
12	125	BOND SOUND	305	96	03	23	29	5	0	29	24
12	125	THOMPSON SOUND	306	96	03	19	29	5	0	100	86
14	142	LONGBEAK POINT	307	96	03	12	29	5	0	100	85
17	173	GALIANO ISLAND	308	96	02	26	29	5	0	100	90
14	142	SEAL ISLETS	309	96	03	02	29	5	0	100	90
14	142	METCALF BAY	310	96	03	12	29	5	0	100	93
14	142	NORRIS ROCKS	311	96	02	29	29	5	0	100	91
23	232	LYALL POINT	312	96	02	23	29	5	0	100	97
03	33	GRASSY POINT	313	96	03	24	29	5	0	100	97
17	173	LINK ISLAND	314	96	03	18	29	5	0	100	86
07	74	THOMPSON BAY (HEAD)	315	96	03	13	29	5	0	100	95
07	74	DUNDIVAN INLET	316	96	03	10	29	5	0	100	98
02	24	KILMINGTON POINT	317	96	03	24	29	5	0	100	94
02	21	BURNABY STRAIT	318	96	03	29	29	5	0	100	98
02	25	HUSTON INLET	319	96	03	16	29	5	0	100	69
02	24	KILMINGTON POINT	320	96	03	30	29	5	0	100	95
00	6	LOUSCOONE INLET	321	96	03	11	29	5	0	100	97
02	24	TRAYNOR CREEK	322	96	03	23	29	5	0	100	93
00	6	LOUSCOONE INLET	323	96	03	09	29	5	0	100	91
02	25	HUSTON INLET	324	96	03	17	29	5	0	100	98
02	24	SELWYN INLET	325	96	03	27	29	5	0	100	92
02	21	SECTION ISLAND	326	96	03	22	29	5	0	100	98
02	21	BURNABY STRAIT	327	96	03	19	29	5	0	100	99
00	6	LOUSCOONE INLET WEST	328	96	03	11	29	5	0	100	93
02	25	DELUGE PT	329	96	03	15	29	5	0	100	94
02	21	HUXLEY ISLAND	330	96	03	12	29	5	0	100	96
23	232	FORBES ISLAND	331	96	03	07	29	5	0	100	94
14	142	NORRIS ROCKS	332	96	02	21	29	5	0	100	94
14	142	KOMAS BLUFF	333	96	03	06	29	5	0	100	92
05	52	GURD POINT	334	96	03	29	29	5	0	100	98
23	232	FOOD ISLETS	335	96	03	09	29	5	0	100	96
24	243	SYDNEY INLET	336	96	02	26	29	5	0	100	91
24	243	SYDNEY INLET	337	96	03	01	29	5	0	100	94
18	181	CAPTAIN PASSAGE	338	96	03	19	29	5	0	100	95
24	243	SYDNEY INLET	339	96	02	28	29	5	0	100	1
13	136	STUART ISLAND	340	96	06	20	29	1	0	40	39
13	136	STUART ISLAND	341	96	05	30	29	1	0	46	46
13	136	STUART ISLAND	342	96	06	20	29	1	0	37	34
13	136	STUART ISLAND	343	96	05	30	29	1	0	30	30

Table 4. 1996 Test fishing vessels, areas and dates of operation and number of samples processed.

REGION	VESSEL	DATES	# SAMPLES PROCESSED
QCI	Christav	Mar 05 - Apr 18 Apr 23 - Apr 29 May 1 – May 2	14
QCI TOTAL			14
PRINCE RUPERT DISTRICT	Vampy	Mar 14 - Apr 08	13
	Prodigy	Mar 22 - Apr 05	5
	Northern Oasis *	Mar 24 - Apr 22	
PRD TOTAL			18
CENTRAL COAST	Kynoc	Mar 02 - Mar 27	22
	Queens Reach	Mar 07 - Apr 01	17
	Royal Mariner 1	Mar 15 - Mar 29	5
	Ocean Explorer *	Mar 19 - Apr 17	
	Ansare II *	Mar 19 - Apr 17	
CC TOTAL			44
ST. OF GEORGIA	Pacific Discovery	Feb 20 - Mar 17	20
	Royal Viking	Feb 24 - Mar 21	24
	Prodigy	Feb 24 - Mar 11	17
	Royal Mariner 1	Feb 24 - Mar 11	16
	Endurance *	Mar 02 - Apr 05	
	Komat *	Mar 02 - Apr 05	
	Ocean Venture **	Mar 11 - Mar 31	18
ST. OF GEORGIA TOTAL			95
W COAST VANCOUVER ISLAND	Pacific Skye	Feb 18 - Mar 16	29
	Ocean Horizon	Feb 24 - Mar 29	17
	Prospect Point	Feb 24 - Apr 03	12
	Delta Harvester	Feb 28 - Mar 12	4
WCVI TOTAL			62
TOTAL			233

* - Gillnet test and spawn assessment - no samples collected.

** - Charter patrol and spawn survey.

Table 5. Percent at age for 1996 seine roe samples, gillnet roe samples, and test fishing samples.

	SECTION	SOURCE	GEAR	PERCENT AT AGE										NUMBER
				0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	AGED
6	LOUSCOONE INLET	5	29	0	72	15	1	1	4	6	1	0	0	281
21	JUAN PEREZ SOUND	5	29	0	7	55	10	3	4	18	2	1	1	391
24	SELWYN INLET	5	29	0	4	62	7	5	3	15	4	1	0	374
25	SKINCUTTLE INLET	5	29	7	42	28	9	0	2	10	1	2	0	261
33	PORT SIMPSON	0	19	0	0	1	2	3	26	36	26	5	1	172
33	PORT SIMPSON	5	29	0	0	47	11	6	12	9	11	0	2	97
42	AREA 4 NORTH	0	19	0	0	1	5	7	26	31	27	2	1	339
42	AREA 4 NORTH	5	29	0	1	62	12	4	6	8	7	0	0	773
52	KITKATLA INLET	5	29	0	2	68	7	2	3	14	4	0	0	666
67	LAREDO SOUND	5	29	0	11	26	9	14	5	26	6	2	2	753
72	POWELL ANCHORAGE	0	19	0	0	0	2	19	12	53	10	1	2	406
72	POWELL ANCHORAGE	0	29	0	8	12	5	18	8	40	6	2	2	1147
72	POWELL ANCHORAGE	5	29	0	12	17	4	18	8	33	7	1	1	1037
74	THOMPSON BAY	0	19	0	0	0	0	16	10	56	11	5	1	160
74	THOMPSON BAY	5	29	0	15	22	6	16	6	27	6	1	1	1149
77	MILBANKE SOUND	5	29	0	11	28	10	20	5	19	5	0	1	474
78	NEEKAS INLET	5	29	0	10	15	4	17	9	35	7	2	2	563
85	KWAKSHUA CHANNEL	5	29	0	26	32	6	10	3	19	2	2	2	193
92	RIVERS INLET MOUTH	5	29	0	66	21	3	4	2	3	1	0	0	271
93	RIVERS INLET HEAD	5	29	0	1	18	12	33	7	27	1	1	1	190
102	TAKUSH HARBOUR	5	29	0	11	24	17	26	4	15	2	1	0	95
122	BEAVER HARBOUR	5	29	0	36	46	8	4	0	4	0	1	0	97
123	W CRACROFT ISLAND	5	29	0	43	43	7	4	1	1	1	0	0	183
124	WELLS PASSAGE	5	29	0	11	33	32	19	2	3	0	0	0	162
125	GILFORD ISLAND	5	29	0	27	20	8	10	4	30	1	0	0	386
127	KNIGHT INLET	5	29	0	3	33	21	8	5	29	0	0	0	95
132	DEEPWATER BAY	5	29	0	26	60	6	6	1	0	0	0	0	95
142	BAYNES SOUND	0	19	0	0	4	16	44	22	10	2	1	0	466
142	BAYNES SOUND	0	29	0	11	46	15	16	6	5	1	0	0	1461
142	BAYNES SOUND	5	29	0	9	48	15	16	7	4	1	0	0	4885
143	QUALICUM	0	19	0	0	3	15	51	21	10	0	0	0	78
143	QUALICUM	5	29	0	17	55	11	11	3	3	0	0	0	939
152	POWELL RIVER	5	29	0	0	0	0	0	0	0	0	0	0	0
172	NANOOSE BAY	5	29	0	31	45	10	7	4	2	0	0	0	369
173	YELLOW POINT	5	29	0	34	46	10	7	2	1	1	0	0	362
181	SWANSON CHANNEL	5	29	0	34	40	11	12	3	1	0	0	0	187
182	PLUMPER SOUND	5	29	0	47	42	3	5	2	0	0	0	0	93
232	MACOAH PASS	0	29	0	14	21	14	15	14	15	3	2	2	306
232	MACOAH PASS	5	29	0	18	22	14	16	11	14	4	1	1	3524
233	IMPERIAL EAGLE CH.	5	29	0	26	56	8	5	3	3	1	0	0	191
243	SYDNEY INLET	5	29	0	6	14	11	22	18	22	3	3	2	730
245	VARGAS ISLAND	0	29	0	18	21	12	15	14	13	3	2	1	602
253	ESPERANZA INLET	5	29	0	6	18	12	35	17	10	1	0	0	854
271	OTHER AREA 27	5	29	0	6	23	8	16	23	16	5	0	2	95
272	BROOKS BAY	5	29	0	39	27	4	13	6	10	1	1	0	189
273	FORWARD INLET	5	29	0	10	25	7	25	15	16	2	0	0	92

Table 6. 1996 Roe herring fishery / catch information.

AREA	LICENCES	QUOTA	HAIL	% TOTAL CATCH	FISHERY	DURATION (Hours)
WCVI - SN B	27	1,014	793	3.7%	Open 1345 to 2010 Mar 14 in 23-9 to 23-11	
					Open 0500 Mar 15 to 1215 Mar 16 in 23-9 to 23-11	66.7
					Open 1215 Mar 16 to 1718 Mar 17 in 24-6 to 24-8 & 24-7	
GULF - SN**	55	6,272	6,995	32.3%	Open 1216 to 1800 Mar 7 in Ptn 14-11 & 14-15	
					Open 1245 to 1340 Mar 8 in Ptn 14-8, 14-11 & 14-15	6.7
GULF - GN***	285	5,654	6,528	30.1%	Open 0900 to 1600 Mar 15 in 14-1 to 14-5, 14-7 to 14-11 and 14-15	
						7.0
C. COAST - SN**	52	3,183	3,900	18.0%	Open 0905 to 1655 Mar 20 in Ptn 7-12 & 7-13	
						7.8
C. COAST - GN	51	300	369	1.7%	Open 1000 to 1230 Mar 23 in Ptn 7-3, 7-8, 7-9, 7-12 & 7-21	
						2.5
N. COAST - GN**	178	2,612	3,075	14.2%	Open 1400 to 1930 Mar 27 in 3-2, 3-4, 3-5, 4-5 4-7, 4-8 and Ptn 4-8 & 4-14	
						5.5
TOTAL - SN	134	10,469	11,688	54.0%		
TOTAL - GN	514	8,566	9,972	46.0%	Seine Total	81.2
TOTAL		19,035	21,660	100.0%	Gillnet Total	15.0
					Total	96.2

** Double Licensed
*** Triple Licensed

Table 7. Number of samples by source and area 1995/1996

Area	Test Fishery	Roe fishery		Research	Other	SOK	NTC	Food	Area Total
		Seine	Gillnet	Offshore					
2W	3								3
2E	11								11
3	1		2						3
4	8		4			1			13
5	9					9			18
6	8								8
7	34	13	7		1	3			58
8	2								2
9	5				1				6
10	1								1
12	12					3			15
13	1							8	9
14	64	17	7					4	92
15	1								1
16								1	1
17	8							11	19
18	3								3
21				1					1
23	40	4		7			11		62
24	9	7				1			17
25	9					11			20
27	4					3			7
Fishery Total	233	41	20	8	2	31	11	24	370

Table 8. Trawl research sample summaries by section

SECTION: 219 - OFFSHORE AREA 21
SAMPLE NUMBERS: 20,
SOURCE: RESEARCH - OFFSHORE
GEAR: HERRING TRAWL
DATE: AUG 7/95

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	54	3	0	0	1	0	1	0	0	41	100
% AT AGE	0.00	91.53	5.08	0.00	0.00	1.69	0.00	1.69	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	142.76	162.67	0.00	0.00	205.00	0.00	242.00	0.00	0.00	138.20	143.10
- STD. DEV.	0.00	7.36	20.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.53	15.03
WEIGHT - MEAN(gm)	0.00	42.28	71.33	0.00	0.00	143.00	0.00	183.00	0.00	0.00	37.61	43.65
- STD. DEV.	0.00	7.54	27.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.06	20.18

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	81	17	2	0	0	0	0	0	0
% AT STAGE	81.00	17.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	0	0	1
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:	MALE	FEMALE	IMMATURE	TOTAL
NO.	2	1	97	100
%	2.00	1.00	97.00	100.00
MEAN WEIGHT	120.00	143.00	41.05	43.65
% SAMP. WT.	5.50	3.28	91.23	100.00

Table 8(cont'd)

SECTION: 233 - IMPERIAL EAGLE CH.
SAMPLE NUMBERS: 22, 19,
SOURCE: RESEARCH - OFFSHORE
GEAR: HERRING TRAWL
DATE: AUG 7/95 - AUG 8/95

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	53	0	0	0	0	2	2	2	6	135	200
% AT AGE	0.00	81.54	0.00	0.00	0.00	0.00	3.08	3.08	3.08	9.23	0.00	100.00
LENGTH - MEAN(mm)	0.00	129.11	0.00	0.00	0.00	0.00	247.00	252.50	249.50	248.17	87.14	107.97
- STD. DEV.	0.00	6.96	0.00	0.00	0.00	0.00	4.24	2.12	6.36	2.56	27.36	46.14
WEIGHT - MEAN(gm)	0.00	31.85	0.00	0.00	0.00	0.00	214.50	218.50	231.50	215.17	12.16	29.75
- STD. DEV.	0.00	5.35	0.00	0.00	0.00	0.00	7.78	13.44	2.12	14.91	25.77	53.10

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	174	12	2	0	0	0	2	10	0
% AT STAGE	87.00	6.00	1.00	0.00	0.00	0.00	1.00	5.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	0	6	7
%	14.29	0.00	85.71	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	9	7	184	200
%	4.50	3.50	92.00	100.00
MEAN WEIGHT	195.11	192.43	15.47	29.75
% SAMP. WT.	29.51	22.64	47.85	100.00

Table 8(cont'd)

SECTION: 239 - OFFSHORE AREA 23
SAMPLE NUMBERS: 26, 16, 5, 8, 23,
SOURCE: RESEARCH - OFFSHORE
GEAR: HERRING TRAWL
DATE: AUG 4/95 - AUG 6/95

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	72	98	61	63	13	20	7	2	0	163	499
% AT AGE	0.00	21.43	29.17	18.15	18.75	3.87	5.95	2.08	0.60	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	142.85	180.09	193.90	198.49	209.31	216.65	230.71	229.00	0.00	162.72	176.19
- STD. DEV.	0.00	10.57	10.20	9.38	9.10	7.02	11.36	12.19	7.07	0.00	28.75	28.39
WEIGHT - MEAN(gm)	0.00	37.82	85.64	108.05	116.98	136.08	150.75	174.86	162.50	0.00	65.16	84.23
- STD. DEV.	0.00	9.94	14.00	19.67	18.40	20.61	30.00	39.24	34.65	0.00	42.01	42.48

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	68	356	66	0	2	0	0	5	2
% AT STAGE	13.63	71.34	13.23	0.00	0.40	0.00	0.00	1.00	0.40

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	228	1	3	232
%	98.28	0.43	1.29	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	165	232	102	499
%	33.07	46.49	20.44	100.00
MEAN WEIGHT	98.40	94.95	36.93	84.23
% SAMP. WT.	38.63	52.41	8.96	100.00

Table 9. Food and bait fishery sample summaries by section.

SECTION: 132 - DEEPWATER BAY
SAMPLE NUMBERS: 1, 17, 24, 21,
SOURCE: FOOD FISHERY
GEAR: HERRING SEINE
DATE: NOV 23/95 - DEC 6/95

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	34	156	51	58	21	12	1	0	0	31	364
% AT AGE	0.00	10.21	46.85	15.32	17.42	6.31	3.60	0.30	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	149.76	174.63	185.63	195.62	201.57	210.17	207.00	0.00	0.00	178.16	180.31
- STD. DEV.	0.00	9.20	9.25	9.97	9.43	8.89	9.69	0.00	0.00	0.00	17.45	17.46
WEIGHT - MEAN(gm)	0.00	47.82	76.87	95.08	113.14	125.86	138.83	145.00	0.00	0.00	84.10	88.16
- STD. DEV.	0.00	10.22	11.22	15.47	16.77	19.22	18.58	0.00	0.00	0.00	26.33	26.82

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	7	17	131	204	5	0	0	0	0
% AT STAGE	1.92	4.67	35.99	56.04	1.37	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	172	0	0	172
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	3.94	0.00	0.00	3.94

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	180	172	12	364
%	49.45	47.25	3.30	100.00
MEAN WEIGHT	86.36	93.20	43.00	88.16
% SAMP. WT.	48.44	49.95	1.61	100.00

Table 9(cont'd)

SECTION: 136 - REED ISLAND
SAMPLE NUMBERS: 342,343,340,341,
SOURCE: BAIT FISHERY
GEAR: HERRING SEINE
DATE: MAY 30/96 - JUN 20/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	131	13	3	1	0	1	0	0	0	0	4	153
% AT AGE	87.92	8.72	2.01	0.67	0.00	0.67	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	117.73	145.31	148.67	155.00	0.00	155.00	0.00	0.00	0.00	0.00	113.25	121.05
- STD. DEV.	7.77	9.87	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.16	12.68
WEIGHT - MEAN(gm)	21.16	43.15	46.33	48.00	0.00	66.00	0.00	0.00	0.00	0.00	23.75	24.06
- STD. DEV.	4.12	6.87	6.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.17	9.35

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	73	75	0	0	0	0	0	0	5
% AT STAGE	47.71	49.02	0.00	0.00	0.00	0.00	0.00	0.00	3.27

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	34	0	0	34
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	14	34	105	153
%	9.15	22.22	68.63	100.00
MEAN WEIGHT	32.14	30.06	21.04	24.06
% SAMP. WT.	12.22	27.76	60.01	100.00

Table 9(cont'd)

SECTION: 142 - BAYNES SOUND
SAMPLE NUMBERS: 4, 12,
SOURCE: FOOD FISHERY
GEAR: HERRING SEINE
DATE: NOV 19/95 - NOV 27/95

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	41	102	26	12	2	0	2	0	0	15	200
% AT AGE	0.00	22.16	55.14	14.05	6.49	1.08	0.00	1.08	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.44	178.06	191.19	202.50	197.50	0.00	221.50	0.00	0.00	181.20	179.10
- STD. DEV.	0.00	15.39	11.48	9.96	11.17	7.78	0.00	2.12	0.00	0.00	10.07	16.32
WEIGHT - MEAN(gm)	0.00	66.41	85.45	114.88	139.25	133.50	0.00	191.00	0.00	0.00	90.20	90.50
- STD. DEV.	0.00	17.58	16.86	21.08	27.20	4.95	0.00	22.63	0.00	0.00	16.44	28.26

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	8	124	67	0	0	0	0	0
% AT STAGE	0.50	4.00	62.00	33.50	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	99	0	0	99
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.78	0.00	0.00	0.78

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	100	99	1	200
%	50.00	49.50	0.50	100.00
MEAN WEIGHT	86.63	94.72	59.00	90.50
% SAMP. WT.	47.86	51.81	0.33	100.00

Table 9(cont'd)

SECTION: 143 - QUALICUM
SAMPLE NUMBERS: 25, 14,
SOURCE: FOOD FISHERY
GEAR: HERRING SEINE
DATE: NOV 27/95 - DEC 14/95

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	22	104	32	26	6	1	0	0	0	9	200
% AT AGE	0.00	11.52	54.45	16.75	13.61	3.14	0.52	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.82	185.44	197.41	202.04	206.67	214.00	0.00	0.00	0.00	190.00	188.56
- STD. DEV.	0.00	10.08	10.24	10.28	9.31	11.84	0.00	0.00	0.00	0.00	13.29	14.32
WEIGHT - MEAN(gm)	0.00	72.27	95.92	116.47	130.65	143.00	169.00	0.00	0.00	0.00	103.67	103.25
- STD. DEV.	0.00	13.63	15.59	16.82	19.40	19.31	0.00	0.00	0.00	0.00	26.47	24.58

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	85	102	11	0	0	0	1
% AT STAGE	0.00	0.50	42.50	51.00	5.50	0.00	0.00	0.00	0.50

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	101	0	1	102
%	99.02	0.00	0.98	100.00
% SAMPLE WEIGHT	4.61	0.00	0.00	4.61

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	98	102	0	200
%	49.00	51.00	0.00	100.00
MEAN WEIGHT	100.44	105.95	0.00	103.25
% SAMP. WT.	47.67	52.33	0.00	100.00

Table 9(cont'd)

SECTION: 163 - MALISPINA STRAIT
SAMPLE NUMBERS: 169,
SOURCE: BAIT FISHERY
GEAR: HERRING SEINE
DATE: MAR 29/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	64	2	0	0	0	0	0	0	0	0	34	100
% AT AGE	96.97	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	96.39	114.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91.03	94.92
- STD. DEV.	7.16	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.22	8.32
WEIGHT - MEAN(gm)	12.27	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.44	11.82
- STD. DEV.	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.43	3.55

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	58	40	0	1	1	0	0	0	0
% AT STAGE	58.00	40.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	11	1	0	12
%	91.67	8.33	0.00	100.00
% SAMPLE WEIGHT	1.14	1.70	0.00	2.84

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	5	12	83	100
%	5.00	12.00	83.00	100.00
MEAN WEIGHT	14.20	14.67	11.27	11.82
% SAMP. WT.	6.01	14.89	79.10	100.00

Table 9(cont'd)

SECTION: 172 - NANOOSE BAY
SAMPLE NUMBERS: 13, 15, 6, 7, 18, 11, 27,
SOURCE: FOOD FISHERY
GEAR: HERRING SEINE
DATE: NOV 8/95 - NOV 28/95

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	4	188	258	66	48	7	4	0	0	0	85	660
% AT AGE	0.70	32.70	44.87	11.48	8.35	1.22	0.70	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	113.00	157.39	182.15	193.32	202.54	209.14	215.25	0.00	0.00	0.00	166.38	175.73
- STD. DEV.	13.49	20.62	10.64	12.98	10.67	11.74	14.97	0.00	0.00	0.00	24.69	22.86
WEIGHT - MEAN(gm)	20.75	59.05	87.30	107.64	124.04	144.43	143.00	0.00	0.00	0.00	70.55	82.34
- STD. DEV.	9.36	22.46	15.00	22.53	20.10	29.48	25.91	0.00	0.00	0.00	29.87	29.90

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	22	53	331	251	2	1	0	0	0
% AT STAGE	3.33	8.03	50.15	38.03	0.30	0.15	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	268	0	0	268
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	1.79	0.00	0.00	1.79

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	346	268	46	660
%	52.42	40.61	6.97	100.00
MEAN WEIGHT	84.86	88.57	27.13	82.34
% SAMP. WT.	54.02	43.68	2.30	100.00

Table 9(cont'd)

SECTION: 173 - YELLOW POINT
SAMPLE NUMBERS: 2, 10, 9, 3,
SOURCE: FOOD FISHERY
GEAR: HERRING SEINE
DATE: NOV 13/95 - NOV 30/95

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	134	201	24	13	5	1	0	0	0	22	400
% AT AGE	0.00	35.45	53.17	6.35	3.44	1.32	0.26	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	162.14	177.49	192.21	193.31	206.20	208.00	0.00	0.00	0.00	170.95	173.82
- STD. DEV.	0.00	16.08	11.20	10.42	12.36	7.60	0.00	0.00	0.00	0.00	15.97	16.60
WEIGHT - MEAN(gm)	0.00	64.57	82.89	103.50	107.23	133.20	143.00	0.00	0.00	0.00	75.82	79.17
- STD. DEV.	0.00	17.98	14.65	16.76	19.05	18.14	0.00	0.00	0.00	0.00	21.09	21.36

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	5	22	185	187	0	0	0	0	1
% AT STAGE	1.25	5.50	46.25	46.75	0.00	0.00	0.00	0.00	0.25

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	157	0	0	157
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	1.28	0.00	0.00	1.28

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	234	157	9	400
%	58.50	39.25	2.25	100.00
MEAN WEIGHT	78.90	81.92	38.00	79.17
% SAMP. WT.	58.30	40.62	1.08	100.00

Table 10. Seine roe fishery sample summaries by section

SECTION: 72 - POWELL ANCHORAGE
SAMPLE NUMBERS: 225,246,248,233,242,250,182,244,240,222,
223,229,245,
SOURCE: ROE FISHERY
GEAR: HERRING SEINE
DATE: MAR 20/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	88	140	54	204	93	455	72	20	21	153	1300
% AT AGE	0.00	7.67	12.21	4.71	17.79	8.11	39.67	6.28	1.74	1.83	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.00	172.40	189.30	201.38	205.16	210.39	213.14	218.15	224.24	191.48	198.56
- STD. DEV.	0.00	8.68	10.87	13.66	10.17	10.05	9.68	10.03	9.63	10.26	23.75	20.40
WEIGHT - MEAN(gm)	0.00	61.11	77.03	107.39	131.92	140.81	150.16	157.40	161.25	176.05	114.32	127.72
- STD. DEV.	0.00	12.42	16.31	23.32	21.63	21.50	22.03	28.05	28.08	30.07	43.73	39.24

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	3	25	911	354	6	0	0
% AT STAGE	0.00	0.08	0.23	1.92	70.08	27.23	0.46	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	15	684	1	700
%	2.14	97.71	0.14	100.00
% SAMPLE WEIGHT	0.30	29.95	0.00	30.25

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	599	700	1	1300
%	46.08	53.85	0.08	100.00
MEAN WEIGHT	116.68	137.30	37.00	127.72
% SAMP. WT.	42.09	57.88	0.02	100.00

Table 10(cont'd)

SECTION: 142 - BAYNES SOUND
SAMPLE NUMBERS: 210,134,140,213,192,150,131,231,212,145,
217,149,144,256,214,141,143,
SOURCE: ROE FISHERY
GEAR: HERRING SEINE
DATE: MAR 7/96 - MAR 8/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	163	669	213	231	91	71	17	5	1	239	1700
% AT AGE	0.00	11.16	45.79	14.58	15.81	6.23	4.86	1.16	0.34	0.07	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.78	179.91	194.62	204.75	211.64	218.32	221.53	223.40	222.00	184.13	188.24
- STD. DEV.	0.00	11.38	11.44	10.52	11.08	10.02	9.64	9.04	12.52	0.00	20.12	19.08
WEIGHT - MEAN(gm)	0.00	63.05	82.64	108.67	128.93	144.95	159.85	169.94	166.20	186.00	93.23	99.54
- STD. DEV.	0.00	14.65	17.51	21.52	23.10	23.33	25.15	24.42	13.59	0.00	34.95	34.73

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	55	1252	391	2	0	0
% AT STAGE	0.00	0.00	0.00	3.24	73.65	23.00	0.12	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	20	786	0	806
%	2.48	97.52	0.00	100.00
% SAMPLE WEIGHT	0.37	27.24	0.00	27.61

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	894	806	0	1700
%	52.59	47.41	0.00	100.00
MEAN WEIGHT	94.41	105.23	0.00	99.54
% SAMP. WT.	49.88	50.12	0.00	100.00

Table 10(cont'd)

SECTION: 232 - MACOAH PASS
SAMPLE NUMBERS: 142,259,146,254,
SOURCE: ROE FISHERY
GEAR: HERRING SEINE
DATE: MAR 14/96 - MAR 15/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	44	64	43	46	42	46	10	6	5	94	400
% AT AGE	0.00	14.38	20.92	14.05	15.03	13.73	15.03	3.27	1.96	1.63	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.95	178.11	197.37	209.13	218.07	220.89	228.90	229.00	226.80	186.11	196.27
- STD. DEV.	0.00	9.76	10.05	9.60	8.73	8.00	8.12	11.01	10.92	6.38	22.00	23.14
WEIGHT - MEAN(gm)	0.00	64.61	80.20	109.58	133.93	152.74	156.74	172.40	174.50	160.80	95.68	112.61
- STD. DEV.	0.00	12.80	15.33	17.42	21.92	22.53	25.41	23.12	33.19	11.97	38.70	41.90

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	22	270	99	9	0	0
% AT STAGE	0.00	0.00	0.00	5.50	67.50	24.75	2.25	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	15	178	4	197
%	7.61	90.36	2.03	100.00
% SAMPLE WEIGHT	0.93	28.17	0.00	29.09

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	203	197	0	400
%	50.75	49.25	0.00	100.00
MEAN WEIGHT	102.12	123.42	0.00	112.61
% SAMP. WT.	46.02	53.98	0.00	100.00

Table 10(cont'd)

SECTION: 245 - VARGAS ISLAND
SAMPLE NUMBERS: 148,147,221, 59,228,224, 49,
SOURCE: ROE FISHERY
GEAR: HERRING SEINE
DATE: MAR 17/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	110	129	72	91	85	81	20	9	5	98	700
% AT AGE	0.00	18.27	21.43	11.96	15.12	14.12	13.46	3.32	1.50	0.83	0.00	100.00
LENGTH - MEAN(mm)	0.00	170.01	178.09	196.68	209.25	213.88	218.74	224.80	230.22	233.80	193.04	196.33
- STD. DEV.	0.00	7.49	9.26	10.99	8.26	7.74	7.01	9.80	6.16	8.35	22.72	21.70
WEIGHT - MEAN(gm)	0.00	72.72	85.40	116.88	143.24	151.93	164.96	180.15	191.33	196.80	112.18	120.06
- STD. DEV.	0.00	11.04	14.73	20.75	19.94	18.52	18.11	17.22	21.06	16.30	40.11	41.14

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	15	533	147	5	0	0
% AT STAGE	0.00	0.00	0.00	2.14	76.14	21.00	0.71	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	336	1	338
%	0.30	99.41	0.30	100.00
% SAMPLE WEIGHT	0.04	28.87	0.00	28.92

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	362	338	0	700
%	51.71	48.29	0.00	100.00
MEAN WEIGHT	111.65	129.08	0.00	120.06
% SAMP. WT.	48.09	51.91	0.00	100.00

Table 11. Gillnet roe fishery sample summaries by section

SECTION: 33 - PORT SIMPSON
SAMPLE NUMBERS: 236,257,
SOURCE: ROE FISHERY
GEAR: GILLNET
DATE: MAR 27/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	0	1	3	6	45	62	44	9	2	28	200
% AT AGE	0.00	0.00	0.58	1.74	3.49	26.16	36.05	25.58	5.23	1.16	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	160.00	199.33	212.00	207.42	210.66	212.50	222.44	222.50	206.50	210.02
- STD. DEV.	0.00	0.00	0.00	6.43	4.98	10.04	8.00	7.63	6.37	4.95	7.74	9.65
WEIGHT - MEAN(gm)	0.00	0.00	61.00	120.00	135.00	133.60	136.53	137.14	151.44	149.50	128.96	135.07
- STD. DEV.	0.00	0.00	0.00	7.21	2.68	16.63	16.28	16.63	21.42	17.68	12.23	17.20

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	107	91	2	0	0
% AT STAGE	0.00	0.00	0.00	0.00	53.50	45.50	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	91	0	91
%	0.00	100.00	0.00	100.00
% SAMPLE WEIGHT	0.00	29.04	0.00	29.04

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	109	91	0	200
%	54.50	45.50	0.00	100.00
MEAN WEIGHT	132.01	138.75	0.00	135.07
% SAMP. WT.	53.26	46.74	0.00	100.00

Table 11(cont'd)

SECTION: 42 - AREA 4 NORTH
SAMPLE NUMBERS: 237,235,239,234,
SOURCE: ROE FISHERY
GEAR: GILLNET
DATE: MAR 27/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	0	3	18	23	87	105	91	7	5	61	400
% AT AGE	0.00	0.00	0.88	5.31	6.78	25.66	30.97	26.84	2.06	1.47	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	192.00	197.56	199.30	205.30	209.85	211.67	217.00	227.20	204.15	207.45
- STD. DEV.	0.00	0.00	9.85	6.97	6.09	8.24	8.44	8.07	8.87	16.42	7.86	9.51
WEIGHT - MEAN(gm)	0.00	0.00	106.00	115.28	117.39	128.47	135.15	138.43	150.00	177.00	124.16	131.42
- STD. DEV.	0.00	0.00	8.89	10.02	14.03	15.17	18.79	18.17	19.96	24.79	12.17	18.73

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	4	243	149	4	0	0
% AT STAGE	0.00	0.00	0.00	1.00	60.75	37.25	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	181	1	184
%	1.09	98.37	0.54	100.00
% SAMPLE WEIGHT	0.24	28.50	0.00	28.74

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	216	184	0	400
%	54.00	46.00	0.00	100.00
MEAN WEIGHT	128.19	135.20	0.00	131.42
% SAMP. WT.	52.68	47.32	0.00	100.00

Table 11(cont'd)

SECTION: 72 - POWELL ANCHORAGE
SAMPLE NUMBERS: 260,247,230,249,227,
SOURCE: ROE FISHERY
GEAR: GILLNET
DATE: MAR 23/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	0	2	8	76	49	216	41	4	10	94	500
% AT AGE	0.00	0.00	0.49	1.97	18.72	12.07	53.20	10.10	0.99	2.46	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	204.00	200.88	206.47	210.02	214.01	216.22	223.25	220.80	207.57	211.40
- STD. DEV.	0.00	0.00	1.41	3.36	6.18	7.93	8.14	6.11	11.27	5.63	7.92	8.54
WEIGHT - MEAN(gm)	0.00	0.00	135.00	122.75	135.20	139.33	150.17	151.49	168.50	150.50	135.69	143.87
- STD. DEV.	0.00	0.00	1.41	10.47	13.55	12.39	20.67	23.19	29.09	15.51	14.91	19.58

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	307	162	31	0	0
% AT STAGE	0.00	0.00	0.00	0.00	61.40	32.40	6.20	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	240	8	248
%	0.00	96.77	3.23	100.00
% SAMPLE WEIGHT	0.00	27.66	0.05	27.71

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	252	248	0	500
%	50.40	49.60	0.00	100.00
MEAN WEIGHT	136.93	150.92	0.00	143.87
% SAMP. WT.	47.97	52.03	0.00	100.00

Table 11(cont'd)

SECTION: 74 - THOMPSON BAY
SAMPLE NUMBERS: 232,226,
SOURCE: ROE FISHERY
GEAR: GILLNET
DATE: MAR 23/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	0	26	16	90	18	8	2	40	200
% AT AGE	0.00	0.00	0.00	0.00	16.25	10.00	56.25	11.25	5.00	1.25	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	0.00	205.38	210.81	212.52	216.50	216.63	227.00	207.43	211.10
- STD. DEV.	0.00	0.00	0.00	0.00	8.71	7.69	8.33	8.65	15.24	1.41	6.94	9.13
WEIGHT - MEAN(gm)	0.00	0.00	0.00	0.00	133.96	143.38	150.29	151.06	164.13	180.50	137.45	145.97
- STD. DEV.	0.00	0.00	0.00	0.00	17.31	17.89	21.01	20.26	35.57	16.26	13.58	21.12

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	106	87	7	0	0
% AT STAGE	0.00	0.00	0.00	0.00	53.00	43.50	3.50	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	90	3	93
%	0.00	96.77	3.23	100.00
% SAMPLE WEIGHT	0.00	27.94	0.28	28.22

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	107	93	0	200
%	53.50	46.50	0.00	100.00
MEAN WEIGHT	137.37	155.86	0.00	145.97
% SAMP. WT.	50.35	49.65	0.00	100.00

Table 11(cont'd)

SECTION: 142 - BAYNES SOUND
SAMPLE NUMBERS: 137,139,138,136,135,132,
SOURCE: ROE FISHERY
GEAR: GILLNET
DATE: MAR 15/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	0	19	74	207	103	48	10	4	1	126	592
% AT AGE	0.00	0.00	4.08	15.88	44.42	22.10	10.30	2.15	0.86	0.21	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	199.53	205.43	209.76	216.22	215.56	222.80	219.25	235.00	207.83	210.40
- STD. DEV.	0.00	0.00	7.47	7.35	7.46	7.61	5.84	7.60	3.77	0.00	7.67	8.64
WEIGHT - MEAN(gm)	0.00	0.00	118.68	126.53	137.30	143.27	143.83	176.30	148.00	141.00	135.15	137.21
- STD. DEV.	0.00	0.00	15.21	13.30	17.08	16.86	12.99	27.62	17.83	0.00	14.36	17.69

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	1	405	156	30	0	0
% AT STAGE	0.00	0.00	0.00	0.17	68.41	26.35	5.07	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	301	9	310
%	0.00	97.10	2.90	100.00
% SAMPLE WEIGHT	0.00	26.99	0.00	26.99

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	282	310	0	592
%	47.64	52.36	0.00	100.00
MEAN WEIGHT	134.43	139.74	0.00	137.21
% SAMP. WT.	46.67	53.33	0.00	100.00

Table 11(cont'd)

SECTION: 143 - QUALICUM
SAMPLE NUMBERS: 133,
SOURCE: ROE FISHERY
GEAR: GILLNET
DATE: MAR 15/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	0	2	12	40	16	8	0	0	0	22	100
% AT AGE	0.00	0.00	2.56	15.38	51.28	20.51	10.26	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	202.50	203.83	209.30	211.38	215.00	0.00	0.00	0.00	205.77	208.52
- STD. DEV.	0.00	0.00	0.71	8.94	8.04	8.94	5.07	0.00	0.00	0.00	8.66	8.62
WEIGHT - MEAN(gm)	0.00	0.00	144.50	136.50	143.25	150.00	148.75	0.00	0.00	0.00	139.95	143.26
- STD. DEV.	0.00	0.00	7.78	13.36	18.14	17.15	16.25	0.00	0.00	0.00	14.72	16.64

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	68	29	3	0	0
% AT STAGE	0.00	0.00	0.00	0.00	68.00	29.00	3.00	0.00	0.00

ROE MATURITY (FEMALE):	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	63	0	63
%	0.00	100.00	0.00	100.00
% SAMPLE WEIGHT	0.00	30.24	0.00	30.24

SEX RATIO:	MALE	FEMALE	IMMATURE	TOTAL
NO.	37	63	0	100
%	37.00	63.00	0.00	100.00
MEAN WEIGHT	139.73	145.33	0.00	143.26
% SAMP. WT.	36.09	63.91	0.00	100.00

Table 12. Spawn on kelp seine sample summaries by section

SECTION: 43 - AREA 4 SOUTH
SAMPLE NUMBERS: 258,
SOURCE: OTHER
GEAR: HERRING SEINE
DATE: MAR 27/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	1	82	7	1	0	2	0	0	0	7	100
% AT AGE	0.00	1.08	88.17	7.53	1.08	0.00	2.15	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	154.00	160.89	176.14	192.00	0.00	200.50	0.00	0.00	0.00	165.86	163.34
- STD. DEV.	0.00	0.00	11.21	10.79	0.00	0.00	3.54	0.00	0.00	0.00	10.65	13.07
WEIGHT - MEAN(gm)	0.00	54.00	65.72	92.29	103.00	0.00	143.50	0.00	0.00	0.00	74.71	70.02
- STD. DEV.	0.00	0.00	15.71	18.50	0.00	0.00	23.33	0.00	0.00	0.00	18.50	20.58

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	11	81	8	0	0	0
% AT STAGE	0.00	0.00	0.00	11.00	81.00	8.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	3	50	0	53
%	5.66	94.34	0.00	100.00
% SAMPLE WEIGHT	0.83	25.63	0.00	26.46

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	47	53	0	100
%	47.00	53.00	0.00	100.00
MEAN WEIGHT	64.21	75.17	0.00	70.02
% SAMP. WT.	43.10	56.90	0.00	100.00

Table 12(cont'd)

SECTION: 52 - KITKATLA INLET
SAMPLE NUMBERS: 205,172,206,207,202,203,180,209,174,
SOURCE: OTHER
GEAR: HERRING SEINE
DATE: MAR 29/96 - APR 5/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	9	570	64	20	35	122	41	4	3	32	900
% AT AGE	0.00	1.04	65.67	7.37	2.30	4.03	14.06	4.72	0.46	0.35	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.44	170.88	183.69	195.05	199.09	204.08	206.93	216.75	223.33	182.81	180.26
- STD. DEV.	0.00	8.20	9.26	9.26	9.01	9.91	9.57	10.85	8.66	4.51	18.44	17.25
WEIGHT - MEAN(gm)	0.00	56.44	74.12	94.19	114.00	125.97	132.64	142.90	147.50	162.67	90.56	90.54
- STD. DEV.	0.00	12.34	13.35	17.14	16.86	23.03	20.20	23.15	9.75	43.66	27.02	30.19

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	560	297	41	0	0
% AT STAGE	0.00	0.00	0.00	0.22	62.22	33.00	4.56	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	452	13	467
%	0.43	96.79	2.78	100.00
% SAMPLE WEIGHT	0.07	26.17	0.00	26.24

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	433	467	0	900
%	48.11	51.89	0.00	100.00
MEAN WEIGHT	83.68	96.91	0.00	90.54
% SAMP. WT.	44.47	55.53	0.00	100.00

Table 12(cont'd)

SECTION: 74 - THOMPSON BAY
SAMPLE NUMBERS: 108,105,
SOURCE: OTHER
GEAR: HERRING SEINE
DATE: MAR 20/96 - MAR 23/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	34	32	8	27	20	57	8	4	1	9	200
% AT AGE	0.00	17.80	16.75	4.19	14.14	10.47	29.84	4.19	2.09	0.52	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.47	176.44	194.50	200.11	207.05	208.81	210.00	218.50	211.00	193.44	193.05
- STD. DEV.	0.00	9.31	12.60	7.23	8.76	8.33	9.23	9.49	15.50	0.00	22.38	21.40
WEIGHT - MEAN(gm)	0.00	60.65	86.47	125.25	134.00	149.05	147.74	164.88	158.50	133.00	114.89	119.86
- STD. DEV.	0.00	12.37	19.66	24.36	15.94	24.07	22.80	25.35	43.38	0.00	36.95	40.93

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	11	149	39	0	0	0
% AT STAGE	0.00	0.50	0.00	5.50	74.50	19.50	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	6	104	0	110
%	5.45	94.55	0.00	100.00
% SAMPLE WEIGHT	0.51	28.83	0.00	29.34

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	90	110	0	200
%	45.00	55.00	0.00	100.00
MEAN WEIGHT	108.39	129.24	0.00	119.86
% SAMP. WT.	40.70	59.30	0.00	100.00

Table 12(cont'd)

SECTION: 77 - MILBANKE SOUND
SAMPLE NUMBERS: 211,
SOURCE: OTHER
GEAR: HERRING SEINE
DATE: MAR 25/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	15	42	6	11	6	14	0	0	0	6	100
% AT AGE	0.00	15.96	44.68	6.38	11.70	6.38	14.89	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.07	173.38	184.00	187.73	206.17	202.21	0.00	0.00	0.00	187.17	180.58
- STD. DEV.	0.00	6.46	8.80	9.32	12.26	4.35	7.52	0.00	0.00	0.00	12.48	16.38
WEIGHT - MEAN(gm)	0.00	59.93	76.17	94.33	101.18	136.33	127.21	0.00	0.00	0.00	98.33	89.66
- STD. DEV.	0.00	9.92	12.08	15.60	22.85	12.04	21.02	0.00	0.00	0.00	21.93	28.15

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	40	60	0	0	0
% AT STAGE	0.00	0.00	0.00	0.00	40.00	60.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	40	0	40
%	0.00	100.00	0.00	100.00
% SAMPLE WEIGHT	0.00	26.03	0.00	26.03

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	60	40	0	100
%	60.00	40.00	0.00	100.00
MEAN WEIGHT	88.80	90.95	0.00	89.66
% SAMP. WT.	59.42	40.58	0.00	100.00

Table 12(cont'd)

SECTION: 122 - BEAVER HARBOUR
SAMPLE NUMBERS: 165,
SOURCE: OTHER
GEAR: HERRING SEINE
DATE: MAR 16/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	14	57	7	5	3	6	3	0	0	5	100
% AT AGE	0.00	14.74	60.00	7.37	5.26	3.16	6.32	3.16	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.71	175.02	185.57	178.20	199.33	203.67	208.00	0.00	0.00	170.80	176.86
- STD. DEV.	0.00	13.22	10.63	10.31	32.12	5.51	7.31	5.20	0.00	0.00	6.34	16.87
WEIGHT - MEAN(gm)	0.00	55.29	75.72	93.00	90.80	114.00	131.50	135.33	0.00	0.00	66.40	80.64
- STD. DEV.	0.00	13.72	14.29	10.15	49.09	4.58	7.58	3.06	0.00	0.00	12.34	25.80

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	1	7	70	19	1	0	1
% AT STAGE	1.00	0.00	1.00	7.00	70.00	19.00	1.00	0.00	1.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	5	57	0	62
%	8.06	91.94	0.00	100.00
% SAMPLE WEIGHT	1.09	23.37	0.00	24.47

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	36	62	2	100
%	36.00	62.00	2.00	100.00
MEAN WEIGHT	80.22	82.60	27.50	80.64
% SAMP. WT.	35.81	63.50	0.68	100.00

Table 12(cont'd)

SECTION: 126 - KINGCOME INLET
SAMPLE NUMBERS: 159,167,
SOURCE: OTHER
GEAR: HERRING SEINE
DATE: MAR 12/96 - MAR 13/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	6	19	9	6	2	136	4	2	4	12	200
% AT AGE	0.00	3.19	10.11	4.79	3.19	1.06	72.34	2.13	1.06	2.13	0.00	100.00
LENGTH - MEAN(mm)	0.00	127.33	150.63	151.56	167.33	161.00	167.07	183.25	185.00	177.75	159.08	163.80
- STD. DEV.	0.00	6.80	13.00	6.82	10.15	1.41	12.50	5.91	5.66	16.40	7.53	14.95
WEIGHT - MEAN(gm)	0.00	26.83	46.11	45.33	63.00	61.50	66.45	74.50	93.00	82.25	59.50	62.55
- STD. DEV.	0.00	6.43	10.93	5.92	21.54	0.71	17.86	12.12	21.21	23.63	10.25	19.20

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	1	5	85	70	38	0	0
% AT STAGE	0.00	0.50	0.50	2.50	42.50	35.00	19.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	4	73	25	102
%	3.92	71.57	24.51	100.00
% SAMPLE WEIGHT	0.39	19.27	0.05	19.70

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	97	102	1	200
%	48.50	51.00	0.50	100.00
MEAN WEIGHT	60.25	65.14	22.00	62.55
% SAMP. WT.	46.71	53.11	0.18	100.00

Table 12(cont'd)

SECTION: 243 - SYDNEY INLET
SAMPLE NUMBERS: 57,
SOURCE: OTHER
GEAR: HERRING SEINE
DATE: FEB 29/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	16	24	11	17	12	7	3	1	0	9	100
% AT AGE	0.00	17.58	26.37	12.09	18.68	13.19	7.69	3.30	1.10	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	162.13	181.21	192.64	206.12	212.42	222.43	219.67	242.00	0.00	187.44	192.60
- STD. DEV.	0.00	7.87	8.10	11.25	10.14	8.80	6.80	7.51	0.00	0.00	33.27	22.99
WEIGHT - MEAN(gm)	0.00	62.94	87.33	109.82	134.18	142.00	167.57	159.00	224.00	0.00	114.22	111.98
- STD. DEV.	0.00	9.90	16.76	22.56	22.00	17.97	26.79	26.91	0.00	0.00	66.42	42.47

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	22	73	5	0	0	0
% AT STAGE	0.00	0.00	0.00	22.00	73.00	5.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	14	36	0	50
%	28.00	72.00	0.00	100.00
% SAMPLE WEIGHT	3.67	24.00	0.00	27.67

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	50	50	0	100
%	50.00	50.00	0.00	100.00
MEAN WEIGHT	106.80	117.16	0.00	111.98
% SAMP. WT.	47.69	52.31	0.00	100.00

Table 12(cont'd)

SECTION: 252 - NOOTKA SOUND
SAMPLE NUMBERS: 69, 71,191,126,125,
SOURCE: OTHER
GEAR: HERRING SEINE
DATE: MAR 14/96 - MAR 30/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	178	99	32	52	23	37	2	0	1	76	500
% AT AGE	0.00	41.98	23.35	7.55	12.26	5.42	8.73	0.47	0.00	0.24	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.55	177.68	200.75	207.63	211.13	220.84	232.00	0.00	237.00	181.80	183.29
- STD. DEV.	0.00	9.17	8.58	8.13	9.94	11.48	8.76	8.49	0.00	0.00	25.68	23.19
WEIGHT - MEAN(gm)	0.00	64.08	83.37	112.69	131.19	141.17	161.59	197.00	0.00	171.00	92.76	93.86
- STD. DEV.	0.00	12.50	13.03	18.82	21.21	26.08	20.11	15.56	0.00	0.00	41.28	38.43

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	11	4	9	294	147	31	0	3
% AT STAGE	0.20	2.20	0.80	1.80	58.80	29.40	6.20	0.00	0.60

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	11	268	1	280
%	3.93	95.71	0.36	100.00
% SAMPLE WEIGHT	0.30	24.94	0.00	25.24

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	209	280	11	500
%	41.80	56.00	2.20	100.00
MEAN WEIGHT	82.03	104.28	53.55	93.86
% SAMP. WT.	36.53	62.21	1.26	100.00

Table 12(cont'd)

SECTION: 253 - ESPERANZA INLET
SAMPLE NUMBERS: 272,280,271,278,281,286,
SOURCE: OTHER
GEAR: HERRING SEINE
DATE: FEB 27/96 - MAR 3/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	15	83	67	237	107	56	6	0	1	28	600
% AT AGE	0.00	2.62	14.51	11.71	41.43	18.71	9.79	1.05	0.00	0.17	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.33	183.57	197.61	205.68	210.34	215.41	223.83	0.00	224.00	195.50	202.04
- STD. DEV.	0.00	8.69	10.25	8.01	8.59	7.97	7.12	8.95	0.00	0.00	21.26	15.05
WEIGHT - MEAN(gm)	0.00	57.27	92.04	118.87	135.56	144.50	152.93	181.50	0.00	193.00	120.57	128.79
- STD. DEV.	0.00	12.07	16.08	15.21	19.81	18.62	19.21	28.65	0.00	0.00	39.61	29.54

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	35	432	131	1	0	0
% AT STAGE	0.00	0.17	0.00	5.83	72.00	21.83	0.17	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	25	300	0	325
%	7.69	92.31	0.00	100.00
% SAMPLE WEIGHT	1.34	27.28	0.00	28.62

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	275	325	0	600
%	45.83	54.17	0.00	100.00
MEAN WEIGHT	121.56	134.90	0.00	128.79
% SAMP. WT.	43.26	56.74	0.00	100.00

Table 12(cont'd)

SECTION: 273 - FORWARD INLET
SAMPLE NUMBERS: 12, 20, 14,
SOURCE: OTHER
GEAR: HERRING SEINE
DATE: MAR 4/96 - MAR 6/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	18	76	27	61	57	37	10	1	0	13	300
% AT AGE	0.00	6.27	26.48	9.41	21.25	19.86	12.89	3.48	0.35	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.28	184.16	200.81	207.46	212.07	216.86	227.90	240.00	0.00	199.23	200.48
- STD. DEV.	0.00	11.49	9.98	9.24	8.32	7.94	7.65	7.72	0.00	0.00	22.18	19.19
WEIGHT - MEAN(gm)	0.00	54.89	88.33	113.22	133.59	141.74	156.65	179.90	179.00	0.00	124.69	121.27
- STD. DEV.	0.00	10.55	15.92	21.56	19.74	20.42	17.24	10.92	0.00	0.00	40.39	36.20

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	4	186	85	24	0	0
% AT STAGE	0.00	0.33	0.00	1.33	62.00	28.33	8.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	142	9	152
%	0.66	93.42	5.92	100.00
% SAMPLE WEIGHT	0.09	25.85	0.01	25.95

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	147	152	1	300
%	49.00	50.67	0.33	100.00
MEAN WEIGHT	113.33	128.93	124.00	121.27
% SAMP. WT.	45.79	53.87	0.34	100.00

Table 13. Test fishing sample summaries by section

SECTION: 6 - LOUSCOONE INLET
SAMPLE NUMBERS: 323,328,321,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 9/96 - MAR 11/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	201	42	2	4	11	16	3	1	1	19	300
% AT AGE	0.00	71.53	14.95	0.71	1.42	3.91	5.69	1.07	0.36	0.36	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.67	184.67	189.50	218.75	218.91	222.06	217.67	231.00	224.00	176.74	177.80
- STD. DEV.	0.00	9.49	10.06	13.44	10.53	13.37	10.67	10.41	0.00	0.00	26.78	20.42
WEIGHT - MEAN(gm)	0.00	69.10	96.31	107.00	152.75	164.27	171.56	166.33	149.00	175.00	84.26	85.79
- STD. DEV.	0.00	12.58	17.37	18.38	14.36	35.63	23.42	38.66	0.00	0.00	44.07	36.59

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	29	169	79	22	0	0
% AT STAGE	0.00	0.33	0.00	9.67	56.33	26.33	7.33	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	26	119	8	153
%	16.99	77.78	5.23	100.00
% SAMPLE WEIGHT	2.50	19.90	0.00	22.39

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	147	153	0	300
%	49.00	51.00	0.00	100.00
MEAN WEIGHT	78.05	93.22	0.00	85.79
% SAMP. WT.	44.58	55.42	0.00	100.00

Table 13(cont'd)

SECTION: 21 - JUAN PEREZ SOUND
SAMPLE NUMBERS: 326,327,318,330,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 12/96 - MAR 29/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	26	216	39	13	17	69	6	3	2	9	400
% AT AGE	0.00	6.65	55.24	9.97	3.32	4.35	17.65	1.53	0.77	0.51	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.19	181.57	195.00	198.23	211.71	216.57	215.00	218.00	211.50	193.89	190.42
- STD. DEV.	0.00	7.49	7.34	8.91	9.14	8.06	7.58	7.82	10.15	13.44	23.61	18.35
WEIGHT - MEAN(gm)	0.00	56.81	88.09	107.72	116.23	139.18	150.97	147.83	153.33	132.50	103.44	103.86
- STD. DEV.	0.00	12.38	12.05	14.69	19.68	17.44	17.78	10.91	11.59	9.19	34.99	31.41

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	16	273	111	0	0	0
% AT STAGE	0.00	0.00	0.00	4.00	68.25	27.75	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	8	181	0	189
%	4.23	95.77	0.00	100.00
% SAMPLE WEIGHT	0.64	26.18	0.00	26.82

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	211	189	0	400
%	52.75	47.25	0.00	100.00
MEAN WEIGHT	100.13	108.02	0.00	103.86
% SAMP. WT.	50.86	49.14	0.00	100.00

Table 13(cont'd)

SECTION: 24 - LASKEEK BAY
SAMPLE NUMBERS: 325,322,317,320,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 23/96 - MAR 30/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	14	230	28	18	10	55	15	4	0	26	400
% AT AGE	0.00	3.74	61.50	7.49	4.81	2.67	14.71	4.01	1.07	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.71	181.48	193.96	210.00	212.60	215.36	219.67	226.00	0.00	194.58	191.04
- STD. DEV.	0.00	6.17	7.74	8.87	9.85	6.24	7.52	6.17	10.98	0.00	22.53	18.13
WEIGHT - MEAN(gm)	0.00	55.86	90.42	111.00	141.33	138.10	149.95	156.53	165.25	0.00	114.73	107.13
- STD. DEV.	0.00	7.77	13.38	15.66	20.57	15.71	19.95	17.64	19.72	0.00	42.24	32.21

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	263	135	0	0	0
% AT STAGE	0.00	0.00	0.00	0.50	65.75	33.75	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	187	0	189
%	1.06	98.94	0.00	100.00
% SAMPLE WEIGHT	0.28	25.85	0.00	26.14

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	211	189	0	400
%	52.75	47.25	0.00	100.00
MEAN WEIGHT	102.08	112.76	0.00	107.13
% SAMP. WT.	50.26	49.74	0.00	100.00

Table 13(cont'd)

SECTION: 25 - SKINCUTTLE INLET
SAMPLE NUMBERS: 319,324,329,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 15/96 - MAR 17/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	19	110	72	23	0	5	25	2	4	1	39	300
% AT AGE	7.28	42.15	27.59	8.81	0.00	1.92	9.58	0.77	1.53	0.38	0.00	100.00
LENGTH - MEAN(mm)	106.53	159.45	183.53	197.04	0.00	210.40	218.28	212.00	222.00	225.00	118.36	166.57
- STD. DEV.	9.34	9.01	6.08	8.29	0.00	8.41	6.59	4.24	6.98	0.00	40.66	35.74
WEIGHT - MEAN(gm)	13.84	52.46	91.18	114.00	0.00	140.40	154.88	142.50	160.50	165.00	30.49	73.59
- STD. DEV.	4.40	9.37	12.64	15.05	0.00	11.95	17.61	3.54	22.35	0.00	38.71	43.95

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	44	2	6	4	84	77	66	17	0
% AT STAGE	14.67	0.67	2.00	1.33	28.00	25.67	22.00	5.67	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	82	48	130
%	0.00	63.08	36.92	100.00
% SAMPLE WEIGHT	0.00	20.90	0.00	20.90

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	120	130	50	300
%	40.00	43.33	16.67	100.00
MEAN WEIGHT	82.29	88.32	14.40	73.59
% SAMP. WT.	44.73	52.01	3.26	100.00

Table 13(cont'd)

SECTION: 33 - PORT SIMPSON
SAMPLE NUMBERS: 313,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 24/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	0	46	11	6	12	9	11	0	2	3	100
% AT AGE	0.00	0.00	47.42	11.34	6.19	12.37	9.28	11.34	0.00	2.06	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	169.26	188.09	186.83	204.42	203.44	210.36	0.00	225.00	203.00	186.33
- STD. DEV.	0.00	0.00	10.22	13.70	4.88	13.32	9.23	5.70	0.00	11.31	7.21	20.12
WEIGHT - MEAN(gm)	0.00	0.00	70.46	98.73	96.67	133.50	133.78	145.09	0.00	176.50	135.33	100.68
- STD. DEV.	0.00	0.00	14.70	26.03	10.33	25.98	24.84	24.24	0.00	30.41	24.70	37.49

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	1	84	15	0	0	0
% AT STAGE	0.00	0.00	0.00	1.00	84.00	15.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	38	0	39
%	2.56	97.44	0.00	100.00
% SAMPLE WEIGHT	0.27	28.05	0.00	28.32

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	61	39	0	100
%	61.00	39.00	0.00	100.00
MEAN WEIGHT	92.07	114.15	0.00	100.68
% SAMP. WT.	55.78	44.22	0.00	100.00

Table 13(cont'd)

SECTION: 42 - AREA 4 NORTH
SAMPLE NUMBERS: 175,179,216,173,177,193,204,215,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 15/96 - MAR 23/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	4	478	95	31	45	64	53	3	0	27	800
% AT AGE	0.00	0.52	61.84	12.29	4.01	5.82	8.28	6.86	0.39	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.50	168.26	182.96	194.52	202.31	208.86	212.11	209.33	0.00	176.22	179.41
- STD. DEV.	0.00	13.30	9.95	11.45	10.62	8.02	9.13	13.09	5.13	0.00	17.80	19.35
WEIGHT - MEAN(gm)	0.00	38.75	67.45	88.93	112.23	125.53	136.38	142.25	148.67	0.00	80.26	86.06
- STD. DEV.	0.00	10.72	15.10	18.30	21.81	20.22	20.30	29.90	13.61	0.00	30.56	33.16

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	3	0	47	505	243	0	1	0
% AT STAGE	0.13	0.38	0.00	5.88	63.13	30.38	0.00	0.13	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	25	315	0	340
%	7.35	92.65	0.00	100.00
% SAMPLE WEIGHT	1.27	24.39	0.00	25.66

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	457	340	3	800
%	57.13	42.50	0.38	100.00
MEAN WEIGHT	82.38	91.42	40.33	86.06
% SAMP. WT.	54.68	45.15	0.18	100.00

Table 13(cont'd)

SECTION: 52 - KITKATLA INLET
SAMPLE NUMBERS: 218,196,171,334,208,201,178,194,176,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 22/96 - MAR 29/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	15	587	64	18	23	119	35	3	2	34	900
% AT AGE	0.00	1.73	67.78	7.39	2.08	2.66	13.74	4.04	0.35	0.23	0.00	100.00
LENGTH - MEAN(mm)	0.00	154.27	170.99	188.97	193.78	204.22	205.35	209.03	214.33	223.50	191.21	180.34
- STD. DEV.	0.00	3.90	8.89	9.78	10.54	8.00	9.46	8.57	2.08	10.61	23.47	17.79
WEIGHT - MEAN(gm)	0.00	53.60	75.41	103.47	111.28	138.00	134.82	143.06	149.67	180.50	108.12	91.56
- STD. DEV.	0.00	7.84	12.78	17.59	19.85	20.86	22.76	20.31	22.55	53.03	37.87	30.75

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	28	586	283	2	0	0
% AT STAGE	0.00	0.11	0.00	3.11	65.11	31.44	0.22	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	24	458	0	482
%	4.98	95.02	0.00	100.00
% SAMPLE WEIGHT	0.82	25.27	0.00	26.09

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	418	482	0	900
%	46.44	53.56	0.00	100.00
MEAN WEIGHT	88.28	94.41	0.00	91.56
% SAMP. WT.	44.78	55.22	0.00	100.00

Table 13(cont'd)

SECTION: 67 - LAREDO SOUND
SAMPLE NUMBERS: 264,252,220,238,251,243,183, 93,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 3/96 - MAR 17/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	80	195	66	103	39	198	48	12	12	47	800
% AT AGE	0.00	10.62	25.90	8.76	13.68	5.18	26.29	6.37	1.59	1.59	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.81	171.56	185.20	194.21	202.00	203.89	210.88	214.75	216.33	181.98	188.40
- STD. DEV.	0.00	9.34	9.05	11.86	10.38	9.94	10.74	10.16	10.18	11.52	21.71	19.80
WEIGHT - MEAN(gm)	0.00	63.11	76.62	97.02	114.08	134.18	136.58	155.04	166.00	170.17	101.15	108.31
- STD. DEV.	0.00	12.22	13.06	18.68	20.76	22.93	24.48	24.80	21.00	28.28	38.41	37.25

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	151	458	189	1	0	0
% AT STAGE	0.00	0.13	0.00	18.88	57.25	23.63	0.13	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	80	287	0	367
%	21.80	78.20	0.00	100.00
% SAMPLE WEIGHT	3.97	22.61	0.00	26.57

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	432	367	1	800
%	54.00	45.88	0.13	100.00
MEAN WEIGHT	102.30	115.50	67.00	108.31
% SAMP. WT.	51.00	48.92	0.08	100.00

Table 13(cont'd)

SECTION: 72 - POWELL ANCHORAGE
SAMPLE NUMBERS: 185,181,109,106, 99,197,262,189,102,269, 103,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 8/96 - MAR 21/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	122	172	45	183	79	345	69	14	8	63	1100
% AT AGE	0.00	11.76	16.59	4.34	17.65	7.62	33.27	6.65	1.35	0.77	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.50	172.99	190.60	201.49	206.99	211.04	215.45	222.14	216.50	190.44	196.05
- STD. DEV.	0.00	10.20	13.16	12.39	9.37	10.73	9.59	9.19	9.76	9.94	25.01	22.01
WEIGHT - MEAN(gm)	0.00	62.08	79.05	108.09	129.33	140.92	152.07	164.13	180.21	164.00	114.68	123.35
- STD. DEV.	0.00	12.67	18.39	22.00	21.07	24.83	23.78	23.75	33.63	32.02	44.21	41.61

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	56	665	371	6	0	1
% AT STAGE	0.00	0.00	0.09	5.09	60.45	33.73	0.55	0.00	0.09

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	35	552	1	588
%	5.95	93.88	0.17	100.00
% SAMPLE WEIGHT	0.92	27.44	0.00	28.36

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	510	588	2	1100
%	46.36	53.45	0.18	100.00
MEAN WEIGHT	113.57	131.93	93.00	123.35
% SAMP. WT.	42.69	57.17	0.14	100.00

Table 13(cont'd)

SECTION: 74 - THOMPSON BAY
SAMPLE NUMBERS: 188, 97, 91, 98,101, 94,107, 95,110,316, 315,290,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 2/96 - MAR 20/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	171	254	65	186	70	305	65	17	16	51	1200
% AT AGE	0.00	14.88	22.11	5.66	16.19	6.09	26.54	5.66	1.48	1.39	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.60	172.10	188.03	200.71	206.30	210.52	214.00	217.29	218.88	189.24	191.49
- STD. DEV.	0.00	9.87	10.57	12.97	9.58	8.91	8.62	8.39	7.30	14.19	23.74	22.68
WEIGHT - MEAN(gm)	0.00	57.95	77.47	101.97	126.31	141.34	147.50	156.91	166.76	176.88	108.14	113.31
- STD. DEV.	0.00	12.35	15.48	23.85	21.33	21.02	22.13	23.23	19.72	39.54	44.45	41.74

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	5	2	155	850	186	1	1	0
% AT STAGE	0.00	0.42	0.17	12.92	70.83	15.50	0.08	0.08	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	99	466	0	565
%	17.52	82.48	0.00	100.00
% SAMPLE WEIGHT	3.13	23.46	0.00	26.59

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	634	565	1	1200
%	52.83	47.08	0.08	100.00
MEAN WEIGHT	105.61	122.06	46.00	113.31
% SAMP. WT.	49.25	50.72	0.03	100.00

Table 13(cont'd)

SECTION: 77 - MILBANKE SOUND
SAMPLE NUMBERS: 100,190,241,263,186,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 3/96 - MAR 23/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	53	133	46	95	25	91	23	2	6	26	500
% AT AGE	0.00	11.18	28.06	9.70	20.04	5.27	19.20	4.85	0.42	1.27	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.57	174.23	186.43	194.92	201.28	203.49	208.65	210.50	204.17	187.81	187.84
- STD. DEV.	0.00	7.61	9.02	9.35	8.47	8.11	12.00	9.82	2.12	17.85	17.15	17.06
WEIGHT - MEAN(gm)	0.00	67.36	79.23	97.00	111.79	120.12	132.14	151.22	124.00	136.17	102.58	102.86
- STD. DEV.	0.00	10.73	13.12	16.81	18.94	17.23	26.12	25.01	7.07	19.43	33.76	31.17

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	8	49	361	79	2	0	0
% AT STAGE	0.00	0.20	1.60	9.80	72.20	15.80	0.40	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	36	216	1	253
%	14.23	85.38	0.40	100.00
% SAMPLE WEIGHT	2.41	22.35	0.00	24.75

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	247	253	0	500
%	49.40	50.60	0.00	100.00
MEAN WEIGHT	98.62	106.99	0.00	102.86
% SAMP. WT.	47.37	52.63	0.00	100.00

Table 13(cont'd)

SECTION: 78 - DON PENINSULA
SAMPLE NUMBERS: 92, 96,198,187,275,261,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 14/96 - MAR 22/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	54	85	22	97	51	197	37	10	10	37	600
% AT AGE	0.00	9.59	15.10	3.91	17.23	9.06	34.99	6.57	1.78	1.78	0.00	100.00
LENGTH - MEAN(mm)	0.00	162.78	176.78	191.36	202.07	207.22	212.07	213.86	217.60	220.80	193.22	199.03
- STD. DEV.	0.00	11.67	10.01	11.33	9.14	9.32	9.03	7.56	9.96	12.78	23.86	20.07
WEIGHT - MEAN(gm)	0.00	63.26	83.24	108.27	135.34	145.53	157.75	158.41	176.60	177.60	122.51	130.73
- STD. DEV.	0.00	12.87	14.41	19.48	20.74	24.29	23.10	22.85	23.39	27.53	45.58	40.75

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	0	8	416	174	0	0	0
% AT STAGE	0.00	0.33	0.00	1.33	69.33	29.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	6	301	0	307
%	1.95	98.05	0.00	100.00
% SAMPLE WEIGHT	0.20	28.35	0.00	28.56

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	291	307	2	600
%	48.50	51.17	0.33	100.00
MEAN WEIGHT	117.99	143.28	57.00	130.73
% SAMP. WT.	43.78	56.08	0.15	100.00

Table 13(cont'd)

SECTION: 85 - KWAKSHUA CHANNEL
SAMPLE NUMBERS: 265,104,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 6/96 - MAR 15/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	50	61	11	20	5	36	3	4	3	7	200
% AT AGE	0.00	25.91	31.61	5.70	10.36	2.59	18.65	1.55	2.07	1.55	0.00	100.00
LENGTH - MEAN(mm)	0.00	153.94	170.02	184.18	193.05	200.80	200.00	206.67	208.50	219.00	171.86	177.37
- STD. DEV.	0.00	9.54	12.17	13.20	11.13	7.66	13.09	3.05	10.72	4.00	22.41	22.00
WEIGHT - MEAN(gm)	0.00	52.02	72.92	90.55	111.55	121.40	123.25	138.67	129.00	151.67	76.00	86.19
- STD. DEV.	0.00	12.89	17.99	21.61	21.74	17.31	25.72	5.51	23.85	7.37	26.57	34.63

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	1	2	84	108	4	0	0	0
% AT STAGE	0.50	0.50	1.00	42.00	54.00	2.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	30	59	0	89
%	33.71	66.29	0.00	100.00
% SAMPLE WEIGHT	6.33	16.74	0.00	23.06

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	110	89	1	200
%	55.00	44.50	0.50	100.00
MEAN WEIGHT	80.12	94.33	31.00	86.19
% SAMP. WT.	51.12	48.70	0.18	100.00

Table 13(cont'd)

SECTION: 92 - RIVERS INLET MOUTH
SAMPLE NUMBERS: 154,162,155,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 15/96 - MAR 26/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	1	180	56	8	10	5	8	2	0	1	28	299
% AT AGE	0.37	66.42	20.66	2.95	3.69	1.85	2.95	0.74	0.00	0.37	0.00	100.00
LENGTH - MEAN(mm)	105.00	136.63	151.55	161.63	180.20	179.60	183.75	180.50	0.00	184.00	140.54	144.24
- STD. DEV.	0.00	9.36	16.36	13.34	19.29	6.66	20.15	6.36	0.00	0.00	26.59	19.28
WEIGHT - MEAN(gm)	12.00	30.88	45.93	55.25	83.90	81.00	94.25	91.00	0.00	97.00	39.75	40.05
- STD. DEV.	0.00	7.91	19.60	15.81	30.53	12.61	30.89	7.07	0.00	0.00	28.35	22.49

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	33	38	8	12	156	41	7	0	4
% AT STAGE	11.04	12.71	2.68	4.01	52.17	13.71	2.34	0.00	1.34

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	15	55	4	74
%	20.27	74.32	5.41	100.00
% SAMPLE WEIGHT	0.50	19.36	0.00	19.86

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	160	74	65	299
%	53.51	24.75	21.74	100.00
MEAN WEIGHT	40.79	51.16	25.57	40.05
% SAMP. WT.	54.51	31.62	13.88	100.00

Table 13(cont'd)

SECTION: 93 - RIVERS INLET HEAD
SAMPLE NUMBERS: 151,157,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 25/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	1	34	22	62	14	51	2	2	2	10	200
% AT AGE	0.00	0.53	17.89	11.58	32.63	7.37	26.84	1.05	1.05	1.05	0.00	100.00
LENGTH - MEAN(mm)	0.00	150.00	162.35	166.95	174.31	174.71	184.69	197.50	184.50	197.00	172.20	174.48
- STD. DEV.	0.00	0.00	12.11	10.83	10.25	8.77	11.88	6.36	3.54	7.07	7.90	13.62
WEIGHT - MEAN(gm)	0.00	71.00	57.09	62.59	69.90	73.07	81.29	94.00	75.00	89.00	67.00	70.39
- STD. DEV.	0.00	0.00	14.10	16.64	14.00	13.57	15.83	11.31	5.66	9.90	15.88	16.97

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	31	75	94	0	0
% AT STAGE	0.00	0.00	0.00	0.00	15.50	37.50	47.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	53	60	113
%	0.00	46.90	53.10	100.00
% SAMPLE WEIGHT	0.00	13.91	0.23	14.14

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	87	113	0	200
%	43.50	56.50	0.00	100.00
MEAN WEIGHT	68.49	71.85	0.00	70.39
% SAMP. WT.	42.33	57.67	0.00	100.00

Table 13(cont'd)

SECTION: 102 - TAKUSH HARBOUR
SAMPLE NUMBERS: 160,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 16/96

SPECIMENS AT EACH AGE: AGE

	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	10	23	16	25	4	14	2	1	0	5	100
% AT AGE	0.00	10.53	24.21	16.84	26.32	4.21	14.74	2.11	1.05	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.50	167.04	172.56	175.60	172.00	189.71	190.50	204.00	0.00	187.60	174.55
- STD. DEV.	0.00	6.00	11.23	10.86	9.87	13.49	16.39	7.78	0.00	0.00	14.91	14.68
WEIGHT - MEAN(gm)	0.00	56.80	65.09	72.44	77.64	76.00	107.07	99.00	129.00	0.00	102.80	78.09
- STD. DEV.	0.00	11.00	14.60	15.90	14.79	18.38	30.71	18.38	0.00	0.00	27.17	24.33

HJORT MATURITY STAGES: MATURITY STAGE

	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	65	33	0	0	0
% AT STAGE	0.00	0.00	0.00	2.00	65.00	33.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	37	0	38
%	2.63	97.37	0.00	100.00
% SAMPLE WEIGHT	0.42	24.08	0.00	24.50

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	62	38	0	100
%	62.00	38.00	0.00	100.00
MEAN WEIGHT	72.50	87.21	0.00	78.09
% SAMP. WT.	57.56	42.44	0.00	100.00

Table 13(cont'd)

SECTION: 122 - BEAVER HARBOUR
SAMPLE NUMBERS: 161,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 17/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	35	45	8	4	0	4	0	1	0	3	100
% AT AGE	0.00	36.08	46.39	8.25	4.12	0.00	4.12	0.00	1.03	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	154.89	171.82	172.25	162.25	0.00	170.75	0.00	165.00	0.00	155.00	164.93
- STD. DEV.	0.00	11.01	11.16	12.88	12.84	0.00	29.14	0.00	0.00	0.00	12.53	14.45
WEIGHT - MEAN(gm)	0.00	49.03	72.20	74.63	56.50	0.00	65.25	0.00	61.00	0.00	49.33	62.58
- STD. DEV.	0.00	13.27	14.06	19.45	17.60	0.00	28.22	0.00	0.00	0.00	8.74	18.33

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	6	1	6	16	58	6	0	6
% AT STAGE	1.00	6.00	1.00	6.00	16.00	58.00	6.00	0.00	6.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	10	34	1	45
%	22.22	75.56	2.22	100.00
% SAMPLE WEIGHT	1.90	18.95	0.00	20.85

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	45	45	10	100
%	45.00	45.00	10.00	100.00
MEAN WEIGHT	59.87	68.84	46.60	62.58
% SAMP. WT.	43.05	49.50	7.45	100.00

Table 13(cont'd)

SECTION: 123 - WEST CRACROFT ISLAND
SAMPLE NUMBERS: 282,163,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 29/96 - MAR 30/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	79	78	13	8	1	2	2	0	0	17	200
% AT AGE	0.00	43.17	42.62	7.10	4.37	0.55	1.09	1.09	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	137.51	155.08	166.85	169.75	144.00	188.00	175.00	0.00	0.00	158.82	150.28
- STD. DEV.	0.00	13.68	22.70	19.48	32.50	0.00	16.97	38.18	0.00	0.00	19.61	22.50
WEIGHT - MEAN(gm)	0.00	34.92	54.73	68.77	78.38	42.00	105.00	90.50	0.00	0.00	59.65	49.98
- STD. DEV.	0.00	11.59	22.00	25.00	49.36	0.00	24.04	64.35	0.00	0.00	21.93	25.20

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	19	55	15	12	81	18	0	0	0
% AT STAGE	9.50	27.50	7.50	6.00	40.50	9.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	31	51	0	82
%	37.80	62.20	0.00	100.00
% SAMPLE WEIGHT	1.10	19.23	0.00	20.33

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	87	82	31	200
%	43.50	41.00	15.50	100.00
MEAN WEIGHT	50.14	57.66	29.23	49.98
% SAMP. WT.	43.64	47.30	9.06	100.00

Table 13(cont'd)

SECTION: 124 - WELLS PASSAGE
SAMPLE NUMBERS: 158,170,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 27/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	18	53	52	30	4	5	0	0	0	38	200
% AT AGE	0.00	11.11	32.72	32.10	18.52	2.47	3.09	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	120.28	126.85	130.52	140.00	134.25	140.80	0.00	0.00	0.00	131.61	130.59
- STD. DEV.	0.00	10.57	9.32	6.57	14.07	13.07	6.50	0.00	0.00	0.00	14.64	12.05
WEIGHT - MEAN(gm)	0.00	20.28	26.19	30.31	37.67	32.25	37.80	0.00	0.00	0.00	29.61	29.51
- STD. DEV.	0.00	4.69	9.78	5.24	13.81	10.01	6.30	0.00	0.00	0.00	12.83	10.83

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	3	5	25	103	52	12	0	0	0
% AT STAGE	1.50	2.50	12.50	51.50	26.00	6.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	73	29	0	102
%	71.57	28.43	0.00	100.00
% SAMPLE WEIGHT	8.70	5.45	0.00	14.15

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	95	102	3	200
%	47.50	51.00	1.50	100.00
MEAN WEIGHT	28.32	30.75	25.00	29.51
% SAMP. WT.	45.58	53.15	1.27	100.00

Table 13(cont'd)

SECTION: 125 - GILFORD ISLAND
SAMPLE NUMBERS: 305,306,153,168,156,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 19/96 - MAR 30/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	1	103	78	31	38	15	116	3	0	1	43	429
% AT AGE	0.26	26.68	20.21	8.03	9.84	3.89	30.05	0.78	0.00	0.26	0.00	100.00
LENGTH - MEAN(mm)	99.00	109.72	135.50	154.77	141.66	148.53	169.51	166.67	0.00	192.00	126.56	140.27
- STD. DEV.	0.00	9.13	22.31	14.14	15.43	17.63	11.56	17.04	0.00	0.00	24.74	27.64
WEIGHT - MEAN(gm)	13.00	16.10	38.35	53.19	41.92	49.80	73.79	67.00	0.00	99.00	30.56	43.88
- STD. DEV.	0.00	6.14	23.20	15.10	15.22	21.47	16.91	19.52	0.00	0.00	22.34	27.52

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	16	23	89	83	90	123	5	0	0
% AT STAGE	3.73	5.36	20.75	19.35	20.98	28.67	1.17	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	79	88	3	170
%	46.47	51.76	1.76	100.00
% SAMPLE WEIGHT	1.00	21.67	0.00	22.67

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	234	170	25	429
%	54.55	39.63	5.83	100.00
MEAN WEIGHT	44.61	46.89	16.60	43.88
% SAMP. WT.	55.45	42.34	2.20	100.00

Table 13(cont'd)

SECTION: 127 - KNIGHT INLET
SAMPLE NUMBERS: 152,303,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 22/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	3	31	20	8	5	28	0	0	0	79	174
% AT AGE	0.00	3.16	32.63	21.05	8.42	5.26	29.47	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.33	162.94	163.90	172.50	161.80	174.61	0.00	0.00	0.00	83.67	129.42
- STD. DEV.	0.00	7.09	11.50	10.31	7.78	10.18	11.91	0.00	0.00	0.00	16.94	44.24
WEIGHT - MEAN(gm)	0.00	56.67	58.97	58.80	72.63	54.60	73.21	0.00	0.00	0.00	7.44	38.31
- STD. DEV.	0.00	14.36	16.79	14.67	12.82	7.64	17.51	0.00	0.00	0.00	9.08	31.51

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	74	1	0	0	15	40	44	0	0
% AT STAGE	42.53	0.57	0.00	0.00	8.62	22.99	25.29	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	23	8	31
%	0.00	74.19	25.81	100.00
% SAMPLE WEIGHT	0.00	19.43	0.00	19.43

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	68	31	75	174
%	39.08	17.82	43.10	100.00
MEAN WEIGHT	59.96	69.90	5.63	38.31
% SAMP. WT.	61.16	32.51	6.33	100.00

Table 13(cont'd)

SECTION: 132 - DEEPWATER BAY
SAMPLE NUMBERS: 267,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 25/96

SPECIMENS AT EACH AGE:

	AGE										
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	25	57	6	6	1	0	0	0	0	5	100
% AT AGE	0.00	26.32	60.00	6.32	6.32	1.05	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	147.24	164.28	174.00	184.67	186.00	0.00	0.00	0.00	0.00	153.40	161.50
- STD. DEV.	0.00	9.22	8.82	8.00	16.29	0.00	0.00	0.00	0.00	0.00	15.77	14.09
WEIGHT - MEAN(gm)	0.00	42.32	61.53	74.50	94.50	87.00	0.00	0.00	0.00	0.00	52.00	59.26
- STD. DEV.	0.00	10.07	11.31	14.77	24.39	0.00	0.00	0.00	0.00	0.00	16.72	18.01

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	3	11	5	63	17	0	1	0	0
% AT STAGE	3.00	11.00	5.00	63.00	17.00	0.00	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	26	12	0	38
%	68.42	31.58	0.00	100.00
% SAMPLE WEIGHT	7.23	7.39	0.00	14.62

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	57	38	5	100
%	57.00	38.00	5.00	100.00
MEAN WEIGHT	58.58	63.71	33.20	59.26
% SAMP. WT.	56.34	40.85	2.80	100.00

Table 13(cont'd)

SECTION: 142 - BAYNES SOUND
SAMPLE NUMBERS: 309,333,291, 80, 88, 77, 3, 48,128,311,
74, 15,124, 66, 62, 90,113, 83, 84,307,
6, 85, 1, 8, 10, 9, 82, 52, 61,129,
44, 4, 78, 70, 65, 81, 75, 58, 63, 72,
47,115, 67, 11, 2,122, 73,289,310, 87,
86, 23, 79,332,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 21/96 - MAR 12/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	4	436	2360	750	773	334	173	37	12	6	434	5319
% AT AGE	0.08	8.93	48.31	15.35	15.82	6.84	3.54	0.76	0.25	0.12	0.00	100.00
LENGTH - MEAN(mm)	103.00	162.26	179.89	193.62	203.52	211.71	215.13	221.03	222.58	223.67	181.80	187.49
- STD. DEV.	6.27	14.35	10.73	11.49	10.55	10.25	10.67	9.72	10.56	13.40	25.73	19.25
WEIGHT - MEAN(gm)	13.50	60.40	84.00	109.17	128.77	149.22	156.24	172.62	169.25	175.00	94.37	100.27
- STD. DEV.	1.29	16.07	17.18	22.45	22.68	23.51	25.39	26.60	27.80	30.01	41.36	34.51

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	14	51	7	654	3607	982	3	1	0
% AT STAGE	0.26	0.96	0.13	12.30	67.81	18.46	0.06	0.02	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	383	2253	2	2638
%	14.52	85.41	0.08	100.00
% SAMPLE WEIGHT	2.27	23.33	0.00	25.61

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	2631	2638	50	5319
%	49.46	49.60	0.94	100.00
MEAN WEIGHT	95.76	106.07	31.60	100.27
% SAMP. WT.	47.24	52.46	0.30	100.00

Table 13(cont'd)

SECTION: 143 - QUALICUM
SAMPLE NUMBERS: 117,121,119, 7,114, 45, 53, 5,118, 41,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 24/96 - MAR 10/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	155	520	104	107	27	24	1	1	0	61	1000
% AT AGE	0.00	16.51	55.38	11.08	11.40	2.88	2.56	0.11	0.11	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.16	178.79	189.13	202.08	210.63	217.46	229.00	225.00	0.00	179.75	182.19
- STD. DEV.	0.00	13.72	11.63	13.90	11.41	8.44	8.41	0.00	0.00	0.00	20.73	17.81
WEIGHT - MEAN(gm)	0.00	63.94	81.36	96.94	124.08	143.93	161.00	212.00	165.00	0.00	88.15	89.08
- STD. DEV.	0.00	16.58	17.43	22.59	23.70	18.51	21.38	0.00	0.00	0.00	35.18	29.99

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	11	2	184	720	80	0	1	0
% AT STAGE	0.20	1.10	0.20	18.40	72.00	8.00	0.00	0.10	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	88	374	0	462
%	19.05	80.95	0.00	100.00
% SAMPLE WEIGHT	3.19	20.28	0.00	23.47

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	528	462	10	1000
%	52.80	46.20	1.00	100.00
MEAN WEIGHT	86.82	92.75	39.00	89.08
% SAMP. WT.	51.46	48.10	0.44	100.00

Table 13(cont'd)

SECTION: 152 - POWELL RIVER
SAMPLE NUMBERS: 89,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 24/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	0	0	0	0	0	0	0	100	100
% AT AGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.45	95.45
- STD. DEV.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.43	7.43
WEIGHT - MEAN(gm)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.10	11.10
- STD. DEV.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.03	3.03

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	100	0	0	0	0	0	0	0	0
% AT STAGE	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	0	0	0
%	0.00	0.00	0.00	0.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	0	0	100	100
%	0.00	0.00	100.00	100.00
MEAN WEIGHT	0.00	0.00	11.10	11.10
% SAMP. WT.	0.00	0.00	100.00	100.00

Table 13(cont'd)

SECTION: 172 - NANOOSE BAY
SAMPLE NUMBERS: 111, 64,130,123,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 21/96 - MAR 17/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	116	165	38	27	14	8	0	1	0	31	400
% AT AGE	0.00	31.44	44.72	10.30	7.32	3.79	2.17	0.00	0.27	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.14	179.75	188.03	205.89	212.07	215.88	0.00	218.00	0.00	185.19	181.30
- STD. DEV.	0.00	8.89	10.21	15.82	8.88	6.94	7.30	0.00	0.00	0.00	17.20	16.65
WEIGHT - MEAN(gm)	0.00	66.16	79.67	89.71	118.15	132.29	135.00	0.00	192.00	0.00	87.87	83.17
- STD. DEV.	0.00	10.51	14.26	18.19	18.07	18.60	24.40	0.00	0.00	0.00	28.56	24.42

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	1	159	136	5	97	0	0
% AT STAGE	0.00	0.50	0.25	39.75	34.00	1.25	24.25	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	87	57	48	192
%	45.31	29.69	25.00	100.00
% SAMPLE WEIGHT	7.34	7.34	0.00	14.67

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	208	192	0	400
%	52.00	48.00	0.00	100.00
MEAN WEIGHT	82.02	84.41	0.00	83.17
% SAMP. WT.	51.28	48.72	0.00	100.00

Table 13(cont'd)

SECTION: 173 - YELLOW POINT
SAMPLE NUMBERS: 255,308,314,253,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 26/96 - MAR 19/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	123	167	36	25	6	3	2	0	0	38	400
% AT AGE	0.00	33.98	46.13	9.94	6.91	1.66	0.83	0.55	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.22	170.64	179.47	196.00	207.67	214.67	211.00	0.00	0.00	165.45	170.72
- STD. DEV.	0.00	13.19	11.94	16.36	11.52	15.15	3.21	4.24	0.00	0.00	21.35	17.60
WEIGHT - MEAN(gm)	0.00	59.85	72.62	85.47	108.72	128.83	137.67	148.00	0.00	0.00	71.24	73.68
- STD. DEV.	0.00	15.14	14.23	23.28	18.12	34.29	17.16	15.56	0.00	0.00	29.78	23.97

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	7	1	65	217	58	51	0	0
% AT STAGE	0.25	1.75	0.25	16.25	54.25	14.50	12.75	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	40	132	22	194
%	20.62	68.04	11.34	100.00
% SAMPLE WEIGHT	3.86	17.43	0.00	21.29

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	199	194	7	400
%	49.75	48.50	1.75	100.00
MEAN WEIGHT	69.36	79.37	38.71	73.68
% SAMP. WT.	46.83	52.25	0.92	100.00

Table 13(cont'd)

SECTION: 181 - SWANSON CHANNEL
SAMPLE NUMBERS: 266,338,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 25/96 - MAR 19/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	63	74	20	23	6	1	0	0	0	13	200
% AT AGE	0.00	33.69	39.57	10.70	12.30	3.21	0.53	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.43	180.99	189.95	200.83	211.33	214.00	0.00	0.00	0.00	175.00	180.90
- STD. DEV.	0.00	12.64	12.95	12.65	9.38	8.87	0.00	0.00	0.00	0.00	16.88	17.16
WEIGHT - MEAN(gm)	0.00	65.51	78.12	89.75	100.26	118.33	116.00	0.00	0.00	0.00	71.85	78.85
- STD. DEV.	0.00	15.49	16.15	12.56	14.01	14.79	0.00	0.00	0.00	0.00	18.30	20.28

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	3	9	0	14	68	6	99	0	1
% AT STAGE	1.50	4.50	0.00	7.00	34.00	3.00	49.50	0.00	0.50

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	14	26	42	82
%	17.07	31.71	51.22	100.00
% SAMPLE WEIGHT	1.78	7.01	0.00	8.79

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	111	82	7	200
%	55.50	41.00	3.50	100.00
MEAN WEIGHT	77.81	82.85	48.29	78.85
% SAMP. WT.	54.77	43.08	2.14	100.00

Table 13(cont'd)

SECTION: 182 - PLUMPER SOUND
SAMPLE NUMBERS: 116,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 24/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	44	39	3	5	2	0	0	0	0	7	100
% AT AGE	0.00	47.31	41.94	3.23	5.38	2.15	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.91	174.08	184.33	202.20	206.50	0.00	0.00	0.00	0.00	168.43	172.45
- STD. DEV.	0.00	11.07	9.35	7.23	8.53	4.95	0.00	0.00	0.00	0.00	17.70	14.27
WEIGHT - MEAN(gm)	0.00	67.48	78.77	91.00	121.00	136.50	0.00	0.00	0.00	0.00	73.43	77.06
- STD. DEV.	0.00	14.50	13.39	13.08	23.84	2.12	0.00	0.00	0.00	0.00	36.25	22.00

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	3	1	66	29	1	0	0	0
% AT STAGE	0.00	3.00	1.00	66.00	29.00	1.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	22	19	0	41
%	53.66	46.34	0.00	100.00
% SAMPLE WEIGHT	8.14	9.91	0.00	18.04

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	58	41	1	100
%	58.00	41.00	1.00	100.00
MEAN WEIGHT	76.50	78.54	49.00	77.06
% SAMP. WT.	57.58	41.79	0.64	100.00

Table 13(cont'd)

SECTION: 232 - MACOAH PASS
SAMPLE NUMBERS: 40, 76,288, 42, 33,270,331, 39, 30, 55,
284,112,312,277, 25,287, 35, 32, 26,335,
36, 27, 54, 37, 46, 29, 21, 28, 38, 22,
164, 31,273, 34,268, 60, 51, 24,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 18/96 - MAR 14/96

SPECIMENS AT EACH AGE:

	AGE										
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	619	782	492	548	400	494	127	40	31	265	3798
% AT AGE	0.00	17.52	22.13	13.93	15.51	11.32	13.98	3.59	1.13	0.88	0.00	100.00
LENGTH - MEAN(mm)	0.00	170.27	178.81	197.79	207.71	215.57	220.84	227.00	229.05	233.19	200.00	197.45
- STD. DEV.	0.00	8.32	10.37	10.05	8.96	8.69	8.11	8.24	8.28	8.78	23.45	21.91
WEIGHT - MEAN(gm)	0.00	71.40	83.96	115.81	136.32	154.06	164.03	175.75	177.10	188.00	123.31	119.04
- STD. DEV.	0.00	11.28	15.84	19.65	20.22	21.42	20.99	22.78	22.28	25.00	43.50	41.10

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	13	7	501	2653	616	3	2	1
% AT STAGE	0.05	0.34	0.18	13.19	69.85	16.22	0.08	0.05	0.03

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	302	1628	2	1932
%	15.63	84.27	0.10	100.00
% SAMPLE WEIGHT	2.68	23.16	0.00	25.84

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1858	1932	8	3798
%	48.92	50.87	0.21	100.00
MEAN WEIGHT	113.31	124.62	98.88	119.04
% SAMP. WT.	46.57	53.26	0.17	100.00

Table 13(cont'd)

SECTION: 233 - IMPERIAL EAGLE CH.
SAMPLE NUMBERS: 285, 68,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 7/96 - MAR 9/96

SPECIMENS AT EACH AGE:

	AGE										
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	49	106	15	9	5	5	2	0	0	9	200
% AT AGE	0.00	25.65	55.50	7.85	4.71	2.62	2.62	1.05	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.86	175.35	192.40	202.67	208.60	222.40	224.00	0.00	0.00	178.33	178.90
- STD. DEV.	0.00	7.22	9.95	7.93	11.81	5.77	8.26	9.90	0.00	0.00	18.73	15.89
WEIGHT - MEAN(gm)	0.00	72.18	81.75	105.07	136.33	145.20	184.40	168.00	0.00	0.00	91.00	89.04
- STD. DEV.	0.00	9.92	15.94	17.31	20.24	14.10	32.07	4.24	0.00	0.00	24.52	28.87

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	40	133	26	0	0	0
% AT STAGE	0.00	0.00	0.50	20.00	66.50	13.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	25	82	0	107
%	23.36	76.64	0.00	100.00
% SAMPLE WEIGHT	3.75	20.68	0.00	24.43

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	93	107	0	200
%	46.50	53.50	0.00	100.00
MEAN WEIGHT	78.35	98.34	0.00	89.04
% SAMP. WT.	40.92	59.08	0.00	100.00

Table 13(cont'd)

SECTION: 243 - SYDNEY INLET
SAMPLE NUMBERS: 43, 56,339,120,337,274,166,336, 50,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 21/96 - MAR 1/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	44	100	77	157	130	157	23	25	17	170	900
% AT AGE	0.00	6.03	13.70	10.55	21.51	17.81	21.51	3.15	3.42	2.33	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.07	184.18	201.58	210.95	217.27	224.10	226.52	230.68	236.59	200.96	207.88
- STD. DEV.	0.00	7.08	10.69	9.92	9.47	8.76	7.72	10.75	9.08	6.44	24.69	20.70
WEIGHT - MEAN(gm)	0.00	70.50	90.70	124.78	144.58	163.03	177.38	185.61	187.04	200.76	134.73	143.09
- STD. DEV.	0.00	10.39	16.42	21.88	23.35	22.75	23.04	17.12	21.14	30.83	44.65	42.17

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	41	561	297	1	0	0
% AT STAGE	0.00	0.00	0.00	4.56	62.33	33.00	0.11	0.00	0.00

ROE MATURITY (FEMALE):	IMMATURE	MATURE	SPENT	TOTAL
NO.	29	402	1	432
%	6.71	93.06	0.23	100.00
% SAMPLE WEIGHT	0.76	28.10	0.00	28.85

SEX RATIO:	MALE	FEMALE	IMMATURE	TOTAL
NO.	468	432	0	900
%	52.00	48.00	0.00	100.00
MEAN WEIGHT	134.87	152.00	0.00	143.09
% SAMP. WT.	49.01	50.99	0.00	100.00

Table 13(cont'd)

SECTION: 253 - ESPERANZA INLET
SAMPLE NUMBERS: 279,283,127,219,200,199, 17,195,276,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 25/96 - MAR 12/96

SPECIMENS AT EACH AGE:

	AGE										
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	53	153	104	302	142	85	11	4	0	46	900
% AT AGE	0.00	6.21	17.92	12.18	35.36	16.63	9.95	1.29	0.47	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.94	182.52	195.02	203.78	209.21	215.71	219.45	226.00	0.00	195.65	198.67
- STD. DEV.	0.00	10.80	10.90	9.43	8.52	8.05	7.30	11.32	10.68	0.00	19.65	16.66
WEIGHT - MEAN(gm)	0.00	65.55	90.39	113.14	131.58	144.04	155.52	165.82	165.75	0.00	119.91	122.76
- STD. DEV.	0.00	12.83	15.84	18.69	19.94	20.96	21.61	27.50	26.90	0.00	35.02	31.97

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	9	0	44	541	279	27	0	0
% AT STAGE	0.00	1.00	0.00	4.89	60.11	31.00	3.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	31	436	8	475
%	6.53	91.79	1.68	100.00
% SAMPLE WEIGHT	1.17	26.19	0.00	27.36

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	413	475	12	900
%	45.89	52.78	1.33	100.00
MEAN WEIGHT	119.52	126.29	94.33	122.76
% SAMP. WT.	44.68	54.30	1.02	100.00

Table 13(cont'd)

SECTION: 271 - OTHER AREA 27
SAMPLE NUMBERS: 16,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 28/96

SPECIMENS AT EACH AGE: AGE

	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	6	22	8	15	22	15	5	0	2	5	100
% AT AGE	0.00	6.32	23.16	8.42	15.79	23.16	15.79	5.26	0.00	2.11	0.00	100.00
LENGTH - MEAN(mm)	0.00	156.83	184.14	192.88	203.07	211.14	223.33	215.00	0.00	244.50	213.80	202.09
- STD. DEV.	0.00	11.46	8.83	6.92	6.69	7.16	9.04	10.32	0.00	7.78	10.08	20.13
WEIGHT - MEAN(gm)	0.00	55.83	92.00	103.88	135.80	140.18	163.80	152.60	0.00	183.50	152.80	126.62
- STD. DEV.	0.00	14.48	15.86	17.22	15.91	13.26	28.17	23.11	0.00	0.71	36.83	36.82

HJORT MATURITY STAGES: MATURITY STAGE

	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	0	1	92	5	0	0	0
% AT STAGE	0.00	2.00	0.00	1.00	92.00	5.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	56	0	56
%	0.00	100.00	0.00	100.00
% SAMPLE WEIGHT	0.00	26.87	0.00	26.87

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	42	56	2	100
%	42.00	56.00	2.00	100.00
MEAN WEIGHT	114.10	135.91	129.50	126.62
% SAMP. WT.	37.85	60.11	2.05	100.00

Table 13(cont'd)

SECTION: 272 - BROOKS BAY
SAMPLE NUMBERS: 18, 19,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 27/96 - MAR 11/96

SPECIMENS AT EACH AGE:

	AGE										
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	74	51	8	24	11	19	1	1	0	11	200
% AT AGE	0.00	39.15	26.98	4.23	12.70	5.82	10.05	0.53	0.53	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	156.96	178.90	189.25	203.38	211.36	225.47	213.00	246.00	0.00	190.45	181.49
- STD. DEV.	0.00	11.36	11.65	10.19	7.86	9.45	18.23	0.00	0.00	0.00	26.86	26.70
WEIGHT - MEAN(gm)	0.00	56.80	88.25	103.88	135.88	158.27	178.00	149.00	203.00	0.00	104.18	97.08
- STD. DEV.	0.00	11.25	20.00	18.60	19.95	27.18	14.71	0.00	0.00	0.00	41.91	45.41

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	30	145	20	5	0	0
% AT STAGE	0.00	0.00	0.00	15.00	72.50	10.00	2.50	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	9	88	1	98
%	9.18	89.80	1.02	100.00
% SAMPLE WEIGHT	1.06	24.53	0.00	25.59

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	102	98	0	200
%	51.00	49.00	0.00	100.00
MEAN WEIGHT	85.31	109.34	0.00	97.08
% SAMP. WT.	44.82	55.18	0.00	100.00

Table 13(cont'd)

SECTION: 273 - FORWARD INLET
SAMPLE NUMBERS: 13,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 2/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	9	23	6	23	14	15	2	0	0	8	100
% AT AGE	0.00	9.78	25.00	6.52	25.00	15.22	16.30	2.17	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	149.67	182.91	202.33	204.52	209.79	219.33	221.00	0.00	0.00	183.00	196.05
- STD. DEV.	0.00	12.40	11.41	4.97	7.04	9.30	12.79	8.49	0.00	0.00	27.16	23.04
WEIGHT - MEAN(gm)	0.00	48.22	93.74	120.00	135.52	144.93	167.53	164.00	0.00	0.00	100.88	121.04
- STD. DEV.	0.00	10.07	18.60	12.54	17.45	20.64	21.22	2.83	0.00	0.00	39.91	39.69

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	11	84	4	0	0	0
% AT STAGE	0.00	1.00	0.00	11.00	84.00	4.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	5	58	0	63
%	7.94	92.06	0.00	100.00
% SAMPLE WEIGHT	0.99	24.00	0.00	24.98

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	36	63	1	100
%	36.00	63.00	1.00	100.00
MEAN WEIGHT	107.03	130.30	42.00	121.04
% SAMP. WT.	31.83	67.82	0.35	100.00

Table 14. Test fishing sample summaries by statistical area

AREA: 2W - WEST COAST Q.C.I.
SAMPLE NUMBERS: 323,328,321,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 9/96 - MAR 11/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	201	42	2	4	11	16	3	1	1	19	300
% AT AGE	0.00	71.53	14.95	0.71	1.42	3.91	5.69	1.07	0.36	0.36	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.67	184.67	189.50	218.75	218.91	222.06	217.67	231.00	224.00	176.74	177.80
- STD. DEV.	0.00	9.49	10.06	13.44	10.53	13.37	10.67	10.41	0.00	0.00	26.78	20.42
WEIGHT - MEAN(gm)	0.00	69.10	96.31	107.00	152.75	164.27	171.56	166.33	149.00	175.00	84.26	85.79
- STD. DEV.	0.00	12.58	17.37	18.38	14.36	35.63	23.42	38.66	0.00	0.00	44.07	36.59

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	29	169	79	22	0	0
% AT STAGE	0.00	0.33	0.00	9.67	56.33	26.33	7.33	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	26	119	8	153
%	16.99	77.78	5.23	100.00
% SAMPLE WEIGHT	2.50	19.90	0.00	22.39

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	147	153	0	300
%	49.00	51.00	0.00	100.00
MEAN WEIGHT	78.05	93.22	0.00	85.79
% SAMP. WT.	44.58	55.42	0.00	100.00

Table 14(cont'd)

AREA: 2E - EAST COAST Q.C.I.
SAMPLE NUMBERS: 326,320,317,322,327,318,324,329,330,319, 325,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 12/96 - MAR 30/96

SPECIMENS AT EACH AGE: AGE

	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	19	150	518	90	31	32	149	23	11	3	74	1100
% AT AGE	1.85	14.62	50.49	8.77	3.02	3.12	14.52	2.24	1.07	0.29	0.00	100.00
LENGTH - MEAN(mm)	106.53	159.25	181.80	195.20	205.06	211.78	216.41	217.78	222.36	216.00	154.32	184.14
- STD. DEV.	9.34	8.51	7.39	8.73	11.10	7.38	7.42	6.82	9.08	12.29	50.56	26.56
WEIGHT - MEAN(gm)	13.84	53.53	89.56	110.34	130.81	139.03	151.25	153.04	160.27	143.33	68.96	96.79
- STD. DEV.	4.40	9.92	12.78	15.14	23.52	15.74	18.54	15.86	17.83	19.86	56.65	38.27

HJORT MATURITY STAGES: MATURITY STAGE

	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	44	2	6	22	620	323	66	17	0
% AT STAGE	4.00	0.18	0.55	2.00	56.36	29.36	6.00	1.55	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	10	450	48	508
%	1.97	88.58	9.45	100.00
% SAMPLE WEIGHT	0.36	24.91	0.00	25.27

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	542	508	50	1100
%	49.27	46.18	4.55	100.00
MEAN WEIGHT	96.94	104.74	14.40	96.79
% SAMP. WT.	49.35	49.98	0.68	100.00

Table 14(cont'd)

AREA: 3 - NASS
SAMPLE NUMBERS: 313,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 24/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	0	46	11	6	12	9	11	0	2	3	100
% AT AGE	0.00	0.00	47.42	11.34	6.19	12.37	9.28	11.34	0.00	2.06	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	169.26	188.09	186.83	204.42	203.44	210.36	0.00	225.00	203.00	186.33
- STD. DEV.	0.00	0.00	10.22	13.70	4.88	13.32	9.23	5.70	0.00	11.31	7.21	20.12
WEIGHT - MEAN(gm)	0.00	0.00	70.46	98.73	96.67	133.50	133.78	145.09	0.00	176.50	135.33	100.68
- STD. DEV.	0.00	0.00	14.70	26.03	10.33	25.98	24.84	24.24	0.00	30.41	24.70	37.49

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	1	84	15	0	0	0
% AT STAGE	0.00	0.00	0.00	1.00	84.00	15.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	38	0	39
%	2.56	97.44	0.00	100.00
% SAMPLE WEIGHT	0.27	28.05	0.00	28.32

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	61	39	0	100
%	61.00	39.00	0.00	100.00
MEAN WEIGHT	92.07	114.15	0.00	100.68
% SAMP. WT.	55.78	44.22	0.00	100.00

Table 14(cont'd)

AREA: 4 - SKEENA
SAMPLE NUMBERS: 175,179,216,173,177,193,204,215,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 15/96 - MAR 23/96

SPECIMENS AT EACH AGE:

	AGE										
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	4	478	95	31	45	64	53	3	0	27	800
% AT AGE	0.00	0.52	61.84	12.29	4.01	5.82	8.28	6.86	0.39	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.50	168.26	182.96	194.52	202.31	208.86	212.11	209.33	0.00	176.22	179.41
- STD. DEV.	0.00	13.30	9.95	11.45	10.62	8.02	9.13	13.09	5.13	0.00	17.80	19.35
WEIGHT - MEAN(gm)	0.00	38.75	67.45	88.93	112.23	125.53	136.38	142.25	148.67	0.00	80.26	86.06
- STD. DEV.	0.00	10.72	15.10	18.30	21.81	20.22	20.30	29.90	13.61	0.00	30.56	33.16

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	3	0	47	505	243	0	1	0
% AT STAGE	0.13	0.38	0.00	5.88	63.13	30.38	0.00	0.13	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	25	315	0	340
%	7.35	92.65	0.00	100.00
% SAMPLE WEIGHT	1.27	24.39	0.00	25.66

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	457	340	3	800
%	57.13	42.50	0.38	100.00
MEAN WEIGHT	82.38	91.42	40.33	86.06
% SAMP. WT.	54.68	45.15	0.18	100.00

Table 14(cont'd)

AREA: 5 - GRENVILLE-PRINCIPE
SAMPLE NUMBERS: 218,196,171,334,208,194,201,178,176,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 22/96 - MAR 29/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	15	587	64	18	23	119	35	3	2	34	900
% AT AGE	0.00	1.73	67.78	7.39	2.08	2.66	13.74	4.04	0.35	0.23	0.00	100.00
LENGTH - MEAN(mm)	0.00	154.27	170.99	188.97	193.78	204.22	205.35	209.03	214.33	223.50	191.21	180.34
- STD. DEV.	0.00	3.90	8.89	9.78	10.54	8.00	9.46	8.57	2.08	10.61	23.47	17.79
WEIGHT - MEAN(gm)	0.00	53.60	75.41	103.47	111.28	138.00	134.82	143.06	149.67	180.50	108.12	91.56
- STD. DEV.	0.00	7.84	12.78	17.59	19.85	20.86	22.76	20.31	22.55	53.03	37.87	30.75

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	28	586	283	2	0	0
% AT STAGE	0.00	0.11	0.00	3.11	65.11	31.44	0.22	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	24	458	0	482
%	4.98	95.02	0.00	100.00
% SAMPLE WEIGHT	0.82	25.27	0.00	26.09

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	418	482	0	900
%	46.44	53.56	0.00	100.00
MEAN WEIGHT	88.28	94.41	0.00	91.56
% SAMP. WT.	44.78	55.22	0.00	100.00

Table 14(cont'd)

AREA: 6 - BUTEDALE
SAMPLE NUMBERS: 264,252,220,238,251,243,183, 93,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 3/96 - MAR 17/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	80	195	66	103	39	198	48	12	12	47	800
% AT AGE	0.00	10.62	25.90	8.76	13.68	5.18	26.29	6.37	1.59	1.59	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.81	171.56	185.20	194.21	202.00	203.89	210.88	214.75	216.33	181.98	188.40
- STD. DEV.	0.00	9.34	9.05	11.86	10.38	9.94	10.74	10.16	10.18	11.52	21.71	19.80
WEIGHT - MEAN(gm)	0.00	63.11	76.62	97.02	114.08	134.18	136.58	155.04	166.00	170.17	101.15	108.31
- STD. DEV.	0.00	12.22	13.06	18.68	20.76	22.93	24.48	24.80	21.00	28.28	38.41	37.25

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	151	458	189	1	0	0
% AT STAGE	0.00	0.13	0.00	18.88	57.25	23.63	0.13	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	80	287	0	367
%	21.80	78.20	0.00	100.00
% SAMPLE WEIGHT	3.97	22.61	0.00	26.57

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	432	367	1	800
%	54.00	45.88	0.13	100.00
MEAN WEIGHT	102.30	115.50	67.00	108.31
% SAMP. WT.	51.00	48.92	0.08	100.00

Table 14(cont'd)

AREA: 7 - BELLA BELLA
SAMPLE NUMBERS: 290,185,261,100,190,110,241,263,316,315,
275,181,109,106, 99, 95,197,107,186,262,
101, 94, 91,189, 97, 98, 92,102,187,198,
188,269, 96,103,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 2/96 - MAR 23/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	400	644	178	561	225	938	194	43	40	177	3400
% AT AGE	0.00	12.41	19.98	5.52	17.41	6.98	29.10	6.02	1.33	1.24	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.66	173.39	188.68	200.22	206.19	210.35	213.86	218.63	216.68	190.29	193.76
- STD. DEV.	0.00	10.21	11.06	11.82	9.56	9.70	9.70	8.88	8.91	14.29	23.27	21.57
WEIGHT - MEAN(gm)	0.00	61.17	79.02	103.01	126.40	139.79	149.84	159.09	171.44	168.38	112.66	118.09
- STD. DEV.	0.00	12.69	15.81	21.51	21.94	23.80	24.31	23.76	27.65	34.98	43.35	41.10

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	8	11	268	2292	810	9	1	1
% AT STAGE	0.00	0.24	0.32	7.88	67.41	23.82	0.26	0.03	0.03

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	176	1535	2	1713
%	10.27	89.61	0.12	100.00
% SAMPLE WEIGHT	1.66	25.73	0.00	27.39

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1682	1713	5	3400
%	49.47	50.38	0.15	100.00
MEAN WEIGHT	109.14	127.03	69.20	118.09
% SAMP. WT.	45.72	54.19	0.09	100.00

Table 14(cont'd)

AREA: 8 - BELLA COOLA
SAMPLE NUMBERS: 265,104,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 6/96 - MAR 15/96

SPECIMENS AT EACH AGE:

	AGE										
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	50	61	11	20	5	36	3	4	3	7	200
% AT AGE	0.00	25.91	31.61	5.70	10.36	2.59	18.65	1.55	2.07	1.55	0.00	100.00
LENGTH - MEAN(mm)	0.00	153.94	170.02	184.18	193.05	200.80	200.00	206.67	208.50	219.00	171.86	177.37
- STD. DEV.	0.00	9.54	12.17	13.20	11.13	7.66	13.09	3.05	10.72	4.00	22.41	22.00
WEIGHT - MEAN(gm)	0.00	52.02	72.92	90.55	111.55	121.40	123.25	138.67	129.00	151.67	76.00	86.19
- STD. DEV.	0.00	12.89	17.99	21.61	21.74	17.31	25.72	5.51	23.85	7.37	26.57	34.63

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	1	2	84	108	4	0	0	0
% AT STAGE	0.50	0.50	1.00	42.00	54.00	2.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	30	59	0	89
%	33.71	66.29	0.00	100.00
% SAMPLE WEIGHT	6.33	16.74	0.00	23.06

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	110	89	1	200
%	55.00	44.50	0.50	100.00
MEAN WEIGHT	80.12	94.33	31.00	86.19
% SAMP. WT.	51.12	48.70	0.18	100.00

Table 14(cont'd)

AREA: 9 - RIVERS INLET
SAMPLE NUMBERS: 154,162,151,157,155,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 15/96 - MAR 26/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	1	181	90	30	72	19	59	4	2	3	38	499
% AT AGE	0.22	39.26	19.52	6.51	15.62	4.12	12.80	0.87	0.43	0.65	0.00	100.00
LENGTH - MEAN(mm)	105.00	136.70	155.63	165.53	175.13	176.00	184.56	189.00	184.50	192.67	148.87	156.36
- STD. DEV.	0.00	9.38	15.73	11.56	11.90	8.39	13.07	11.11	3.54	9.02	27.03	22.73
WEIGHT - MEAN(gm)	12.00	31.10	50.14	60.63	71.85	75.16	83.05	92.50	75.00	91.67	46.92	52.21
- STD. DEV.	0.00	8.43	18.46	16.49	17.62	13.46	18.74	7.90	5.66	8.39	28.21	25.28

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	33	38	8	12	187	116	101	0	4
% AT STAGE	6.61	7.62	1.60	2.40	37.47	23.25	20.24	0.00	0.80

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	15	108	64	187
%	8.02	57.75	34.22	100.00
% SAMPLE WEIGHT	0.16	15.64	0.16	15.96

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	247	187	65	499
%	49.50	37.47	13.03	100.00
MEAN WEIGHT	50.55	63.66	25.57	52.21
% SAMP. WT.	47.93	45.70	6.38	100.00

Table 14(cont'd)

AREA: 10 - SMITH INLET
SAMPLE NUMBERS: 160,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 16/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	10	23	16	25	4	14	2	1	0	5	100
% AT AGE	0.00	10.53	24.21	16.84	26.32	4.21	14.74	2.11	1.05	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.50	167.04	172.56	175.60	172.00	189.71	190.50	204.00	0.00	187.60	174.55
- STD. DEV.	0.00	6.00	11.23	10.86	9.87	13.49	16.39	7.78	0.00	0.00	14.91	14.68
WEIGHT - MEAN(gm)	0.00	56.80	65.09	72.44	77.64	76.00	107.07	99.00	129.00	0.00	102.80	78.09
- STD. DEV.	0.00	11.00	14.60	15.90	14.79	18.38	30.71	18.38	0.00	0.00	27.17	24.33

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	65	33	0	0	0
% AT STAGE	0.00	0.00	0.00	2.00	65.00	33.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	37	0	38
%	2.63	97.37	0.00	100.00
% SAMPLE WEIGHT	0.42	24.08	0.00	24.50

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	62	38	0	100
%	62.00	38.00	0.00	100.00
MEAN WEIGHT	72.50	87.21	0.00	78.09
% SAMP. WT.	57.56	42.44	0.00	100.00

Table 14(cont'd)

AREA: 12 - ALERT BAY
SAMPLE NUMBERS: 168,153,282,303,305,170,161,306,152,163,
156,158,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: MAR 17/96 - MAR 30/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	1	238	285	124	88	25	155	5	1	1	180	1103
% AT AGE	0.11	25.79	30.88	13.43	9.53	2.71	16.79	0.54	0.11	0.11	0.00	100.00
LENGTH - MEAN(mm)	99.00	127.11	147.97	148.47	147.39	148.72	169.77	170.00	165.00	192.00	112.32	140.85
- STD. DEV.	0.00	20.71	24.05	19.67	20.25	17.07	13.42	23.03	0.00	0.00	32.79	29.14
WEIGHT - MEAN(gm)	13.00	28.02	48.16	47.52	47.24	47.64	72.71	76.40	61.00	99.00	23.27	43.20
- STD. DEV.	0.00	15.71	24.24	20.79	24.05	18.58	18.52	37.30	0.00	0.00	22.36	26.39

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	113	90	130	204	254	251	55	0	6
% AT STAGE	10.24	8.16	11.79	18.50	23.03	22.76	4.99	0.00	0.54

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	193	225	12	430
%	44.88	52.33	2.79	100.00
% SAMPLE WEIGHT	2.20	18.08	0.00	20.28

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	529	430	144	1103
%	47.96	38.98	13.06	100.00
MEAN WEIGHT	45.86	49.07	15.86	43.20
% SAMP. WT.	50.92	44.29	4.79	100.00

Table 14(cont'd)

AREA: 13 - QUATHIASKI
SAMPLE NUMBERS: 267,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 25/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	25	57	6	6	1	0	0	0	0	5	100
% AT AGE	0.00	26.32	60.00	6.32	6.32	1.05	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	147.24	164.28	174.00	184.67	186.00	0.00	0.00	0.00	0.00	153.40	161.50
- STD. DEV.	0.00	9.22	8.82	8.00	16.29	0.00	0.00	0.00	0.00	0.00	15.77	14.09
WEIGHT - MEAN(gm)	0.00	42.32	61.53	74.50	94.50	87.00	0.00	0.00	0.00	0.00	52.00	59.26
- STD. DEV.	0.00	10.07	11.31	14.77	24.39	0.00	0.00	0.00	0.00	0.00	16.72	18.01

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	3	11	5	63	17	0	1	0	0
% AT STAGE	3.00	11.00	5.00	63.00	17.00	0.00	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	26	12	0	38
%	68.42	31.58	0.00	100.00
% SAMPLE WEIGHT	7.23	7.39	0.00	14.62

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	57	38	5	100
%	57.00	38.00	5.00	100.00
MEAN WEIGHT	58.58	63.71	33.20	59.26
% SAMP. WT.	56.34	40.85	2.80	100.00

Table 14(cont'd)

AREA: 14 - COMOX
SAMPLE NUMBERS: 309,333,291, 80, 88, 77, 3, 48,128,311, 74, 41,
15,124,118, 5, 53, 66, 62, 45, 90,113, 83,114,
84,307, 6, 85, 7, 1, 8, 10, 9, 81, 75,119,
82, 52, 61,129, 44, 4, 78, 70, 65, 86, 23, 79,
332,122, 73,289,117,310, 87,121, 63, 72, 47,115,
67, 11, 2, 58,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 21/96 - MAR 12/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	4	591	2880	854	880	361	197	38	13	6	495	6319
% AT AGE	0.07	10.15	49.45	14.66	15.11	6.20	3.38	0.65	0.22	0.10	0.00	100.00
LENGTH - MEAN(mm)	103.00	163.02	179.69	193.07	203.35	211.63	215.42	221.24	222.77	223.67	181.55	186.65
- STD. DEV.	6.27	14.23	10.91	11.89	10.66	10.12	10.43	9.68	10.13	13.40	25.16	19.13
WEIGHT - MEAN(gm)	13.50	61.33	83.52	107.68	128.20	148.83	156.82	173.66	168.92	175.00	93.60	98.50
- STD. DEV.	1.29	16.27	17.26	22.81	22.84	23.19	24.94	27.01	26.65	30.01	40.67	34.08

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	16	62	9	838	4327	1062	3	2	0
% AT STAGE	0.25	0.98	0.14	13.26	68.48	16.81	0.05	0.03	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	471	2627	2	3100
%	15.19	84.74	0.06	100.00
% SAMPLE WEIGHT	2.40	22.93	0.00	25.32

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	3159	3100	60	6319
%	49.99	49.06	0.95	100.00
MEAN WEIGHT	94.26	104.08	32.83	98.50
% SAMP. WT.	47.84	51.84	0.32	100.00

Table 14(cont'd)

AREA: 15 - WESTVIEW
SAMPLE NUMBERS: 89,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 24/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	0	0	0	0	0	0	0	100	100
% AT AGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.45	95.45
- STD. DEV.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.43	7.43
WEIGHT - MEAN(gm)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.10	11.10
- STD. DEV.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.03	3.03

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	100	0	0	0	0	0	0	0	0
% AT STAGE	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):				
	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	0	0	0
%	0.00	0.00	0.00	0.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:				
	MALE	FEMALE	IMMATURE	TOTAL
NO.	0	0	100	100
%	0.00	0.00	100.00	100.00
MEAN WEIGHT	0.00	0.00	11.10	11.10
% SAMP. WT.	0.00	0.00	100.00	100.00

Table 14(cont'd)

AREA: 17 - NANAIMO
SAMPLE NUMBERS: 253,111, 64,130,255,123,308,314,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 21/96 - MAR 19/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	239	332	74	52	20	11	2	1	0	69	800
% AT AGE	0.00	32.69	45.42	10.12	7.11	2.74	1.50	0.27	0.14	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.58	175.17	183.86	201.13	210.75	215.55	211.00	218.00	0.00	174.32	176.01
- STD. DEV.	0.00	11.81	12.00	16.54	11.29	9.88	6.30	4.24	0.00	0.00	21.83	17.93
WEIGHT - MEAN(gm)	0.00	62.91	76.12	87.65	113.62	131.25	135.73	148.00	192.00	0.00	78.71	78.42
- STD. DEV.	0.00	13.45	14.66	20.78	18.54	23.42	21.84	15.56	0.00	0.00	30.20	24.64

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	9	2	224	353	63	148	0	0
% AT STAGE	0.13	1.13	0.25	28.00	44.13	7.88	18.50	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	127	189	70	386
%	32.90	48.96	18.13	100.00
% SAMPLE WEIGHT	5.64	12.25	0.00	17.90

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	407	386	7	800
%	50.88	48.25	0.88	100.00
MEAN WEIGHT	75.83	81.88	38.71	78.42
% SAMP. WT.	49.19	50.38	0.43	100.00

Table 14(cont'd)

AREA: 18 - COWICHAN
SAMPLE NUMBERS: 266,116,338,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 24/96 - MAR 19/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	107	113	23	28	8	1	0	0	0	20	300
% AT AGE	0.00	38.21	40.36	8.21	10.00	2.86	0.36	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.39	178.60	189.22	201.07	210.13	214.00	0.00	0.00	0.00	172.70	178.08
- STD. DEV.	0.00	12.03	12.24	12.11	9.10	8.04	0.00	0.00	0.00	0.00	17.01	16.71
WEIGHT - MEAN(gm)	0.00	66.32	78.35	89.91	103.96	122.88	116.00	0.00	0.00	0.00	72.40	78.25
- STD. DEV.	0.00	15.05	15.20	12.32	17.60	15.08	0.00	0.00	0.00	0.00	25.04	20.85

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	3	12	1	80	97	7	99	0	1
% AT STAGE	1.00	4.00	0.33	26.67	32.33	2.33	33.00	0.00	0.33

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	36	45	42	123
%	29.27	36.59	34.15	100.00
% SAMPLE WEIGHT	3.82	7.94	0.00	11.76

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	169	123	8	300
%	56.33	41.00	2.67	100.00
MEAN WEIGHT	77.36	81.41	48.38	78.25
% SAMP. WT.	55.69	42.66	1.65	100.00

Table 14(cont'd)

AREA: 23 - BARKLEY SOUND
SAMPLE NUMBERS: 40, 76,288, 42,331, 39, 30, 33,270, 55,
284,164, 68, 31,273, 34,268, 60, 51, 24,
285,112,312,277, 25,287, 35, 32, 26,335,
22, 29, 21, 28, 38, 54, 37, 46, 27, 36,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 18/96 - MAR 14/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	668	888	507	557	405	499	129	40	31	274	3998
% AT AGE	0.00	17.94	23.85	13.61	14.96	10.88	13.40	3.46	1.07	0.83	0.00	100.00
LENGTH - MEAN(mm)	0.00	170.16	178.40	197.63	207.62	215.49	220.85	226.95	229.05	233.19	199.28	196.52
- STD. DEV.	0.00	8.25	10.38	10.03	9.02	8.69	8.10	8.23	8.28	8.78	23.60	22.02
WEIGHT - MEAN(gm)	0.00	71.46	83.69	115.49	136.32	153.95	164.23	175.63	177.10	188.00	122.24	117.54
- STD. DEV.	0.00	11.19	15.86	19.66	20.20	21.35	21.17	22.63	22.28	25.00	43.37	41.09

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	13	8	541	2786	642	3	2	1
% AT STAGE	0.05	0.33	0.20	13.53	69.68	16.06	0.08	0.05	0.03

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	327	1710	2	2039
%	16.04	83.86	0.10	100.00
% SAMPLE WEIGHT	2.72	23.06	0.00	25.78

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1951	2039	8	3998
%	48.80	51.00	0.20	100.00
MEAN WEIGHT	111.65	123.24	98.88	117.54
% SAMP. WT.	46.36	53.48	0.17	100.00

Table 14(cont'd)

AREA: 24 - CLAYOQUOT SOUND
SAMPLE NUMBERS: 120, 56,339, 43,337,274,166,336, 50,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 21/96 - MAR 1/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	44	100	77	157	130	157	23	25	17	170	900
% AT AGE	0.00	6.03	13.70	10.55	21.51	17.81	21.51	3.15	3.42	2.33	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.07	184.18	201.58	210.95	217.27	224.10	226.52	230.68	236.59	200.96	207.88
- STD. DEV.	0.00	7.08	10.69	9.92	9.47	8.76	7.72	10.75	9.08	6.44	24.69	20.70
WEIGHT - MEAN(gm)	0.00	70.50	90.70	124.78	144.58	163.03	177.38	185.61	187.04	200.76	134.73	143.09
- STD. DEV.	0.00	10.39	16.42	21.88	23.35	22.75	23.04	17.12	21.14	30.83	44.65	42.17

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	41	561	297	1	0	0
% AT STAGE	0.00	0.00	0.00	4.56	62.33	33.00	0.11	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	29	402	1	432
%	6.71	93.06	0.23	100.00
% SAMPLE WEIGHT	0.76	28.10	0.00	28.85

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	468	432	0	900
%	52.00	48.00	0.00	100.00
MEAN WEIGHT	134.87	152.00	0.00	143.09
% SAMP. WT.	49.01	50.99	0.00	100.00

Table 14(cont'd)

AREA: 25 - NOOTKA SOUND
SAMPLE NUMBERS: 279,283,127,219,200,199,276, 17,195,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 25/96 - MAR 12/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	53	153	104	302	142	85	11	4	0	46	900
% AT AGE	0.00	6.21	17.92	12.18	35.36	16.63	9.95	1.29	0.47	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.94	182.52	195.02	203.78	209.21	215.71	219.45	226.00	0.00	195.65	198.67
- STD. DEV.	0.00	10.80	10.90	9.43	8.52	8.05	7.30	11.32	10.68	0.00	19.65	16.66
WEIGHT - MEAN(gm)	0.00	65.55	90.39	113.14	131.58	144.04	155.52	165.82	165.75	0.00	119.91	122.76
- STD. DEV.	0.00	12.83	15.84	18.69	19.94	20.96	21.61	27.50	26.90	0.00	35.02	31.97

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	9	0	44	541	279	27	0	0
% AT STAGE	0.00	1.00	0.00	4.89	60.11	31.00	3.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	31	436	8	475
%	6.53	91.79	1.68	100.00
% SAMPLE WEIGHT	1.17	26.19	0.00	27.36

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	413	475	12	900
%	45.89	52.78	1.33	100.00
MEAN WEIGHT	119.52	126.29	94.33	122.76
% SAMP. WT.	44.68	54.30	1.02	100.00

Table 14(cont'd)

AREA: 27 - QUATSINO SOUND
SAMPLE NUMBERS: 16, 18, 19, 13,
SOURCE: TEST FISHERY
GEAR: HERRING SEINE
DATE: FEB 27/96 - MAR 11/96

SPECIMENS AT EACH AGE:

	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	89	96	22	62	47	49	8	1	2	24	400
% AT AGE	0.00	23.67	25.53	5.85	16.49	12.50	13.03	2.13	0.27	0.53	0.00	100.00
LENGTH - MEAN(mm)	0.00	156.21	181.06	194.14	203.73	210.79	222.94	216.25	246.00	244.50	192.83	190.28
- STD. DEV.	0.00	11.55	11.15	9.24	7.20	8.23	14.24	8.96	0.00	7.78	26.23	25.88
WEIGHT - MEAN(gm)	0.00	55.87	90.43	108.27	135.73	145.83	170.45	155.00	203.00	183.50	113.21	110.46
- STD. DEV.	0.00	11.53	18.76	17.48	17.83	20.34	21.98	18.41	0.00	0.71	43.79	44.03

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	3	0	42	321	29	5	0	0
% AT STAGE	0.00	0.75	0.00	10.50	80.25	7.25	1.25	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	14	202	1	217
%	6.45	93.09	0.46	100.00
% SAMPLE WEIGHT	0.73	25.03	0.00	25.77

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	180	217	3	400
%	45.00	54.25	0.75	100.00
MEAN WEIGHT	96.37	122.28	100.33	110.46
% SAMP. WT.	39.26	60.06	0.68	100.00

Table 15. NTC sample summaries by section

SECTION: 232 - MACOAH PASS
SAMPLE NUMBERS: 292,299,294,295,297,296,301,302,293,300,
298,
SOURCE: OTHER
GEAR: OTHER SEINE
DATE: MAR 13/96 - MAR 15/96

SPECIMENS AT EACH AGE:	AGE											
	0+	1+	2+	3+	4+	5+	6+	7+	8+	9+	UNKNOWN	TOTAL
NO. AT AGE	0	131	323	136	143	89	167	29	18	7	55	1098
% AT AGE	0.00	12.56	30.97	13.04	13.71	8.53	16.01	2.78	1.73	0.67	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.86	174.60	194.29	207.11	214.49	220.91	224.38	232.67	238.14	203.24	194.49
- STD. DEV.	0.00	10.09	9.98	9.96	9.49	10.32	8.09	7.72	9.96	5.93	25.27	23.72
WEIGHT - MEAN(gm)	0.00	62.24	75.72	105.91	129.39	142.03	154.00	161.86	173.22	178.29	121.31	108.93
- STD. DEV.	0.00	13.29	14.40	18.85	22.27	25.77	25.20	29.92	22.80	16.00	44.44	41.08

HJORT MATURITY STAGES:	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	6	412	369	306	5	0
% AT STAGE	0.00	0.00	0.00	0.55	37.52	33.61	27.87	0.46	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	3	381	87	471
%	0.64	80.89	18.47	100.00
% SAMPLE WEIGHT	0.07	21.97	0.12	22.16

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	627	471	0	1098
%	57.10	42.90	0.00	100.00
MEAN WEIGHT	101.99	118.18	0.00	108.93
% SAMP. WT.	53.46	46.54	0.00	100.00

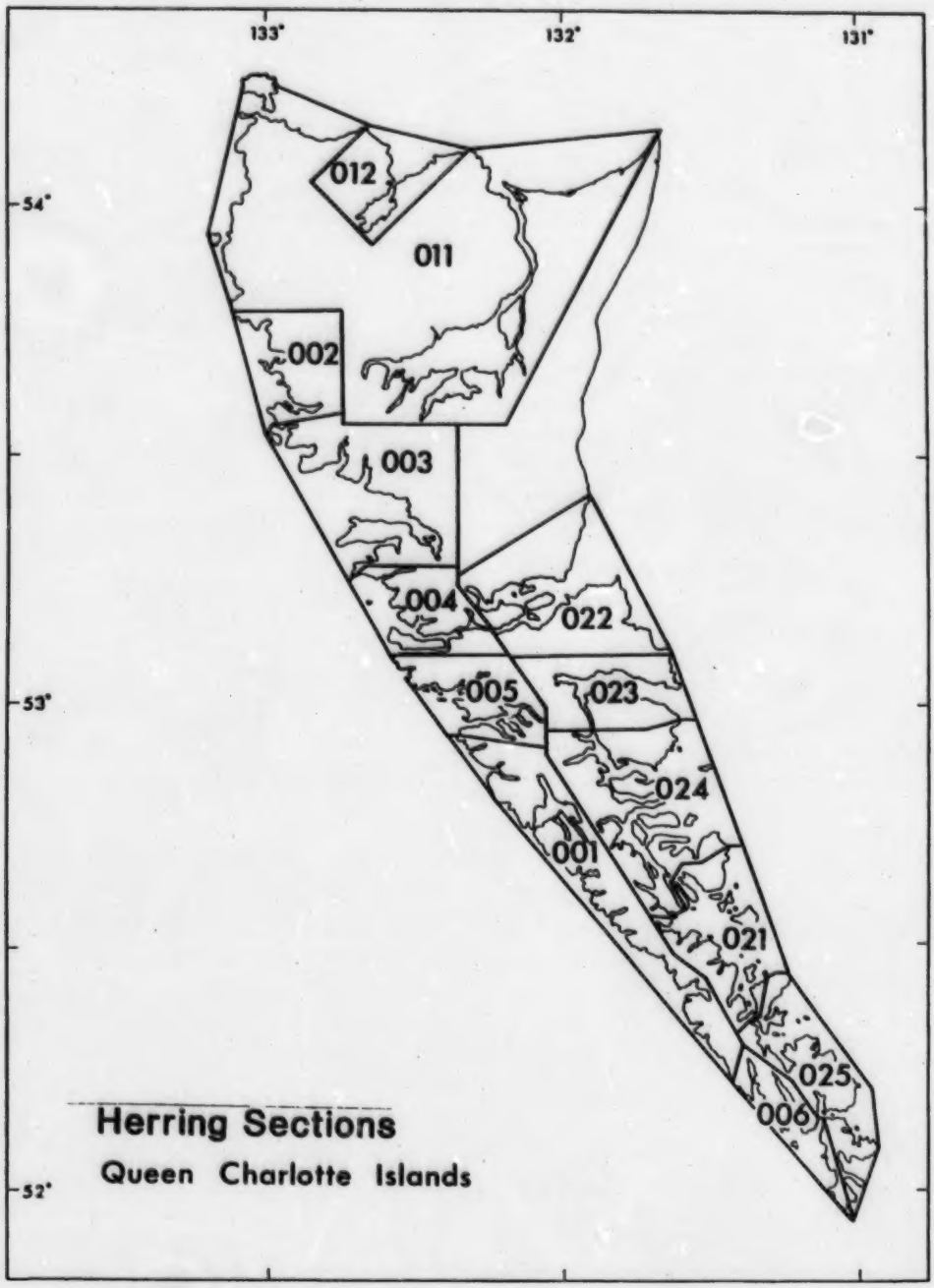

Fig. 1. Herring sections in the Queen Charlotte Islands region.

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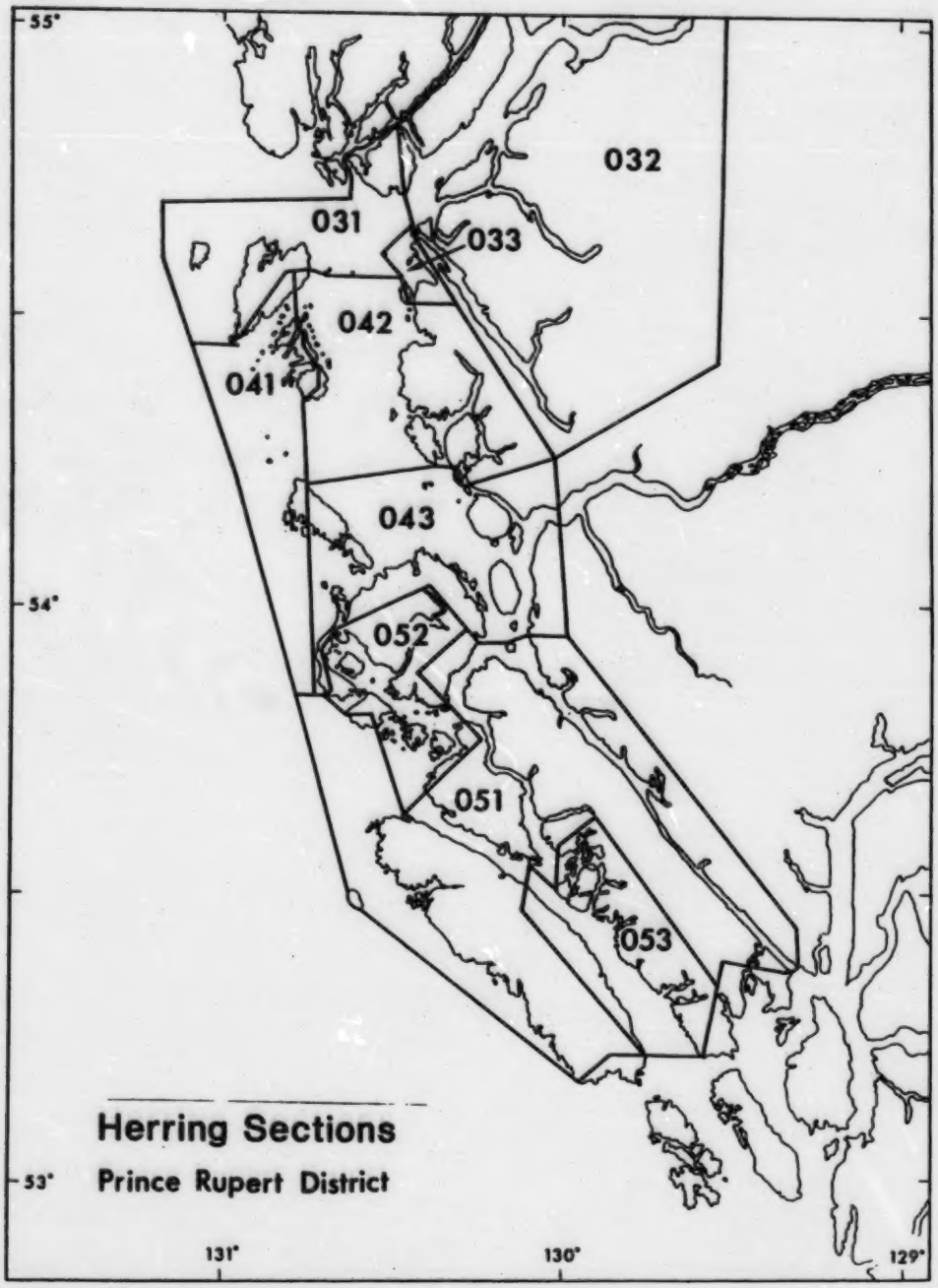

Fig. 2. Herring sections in the Prince Rupert District region.

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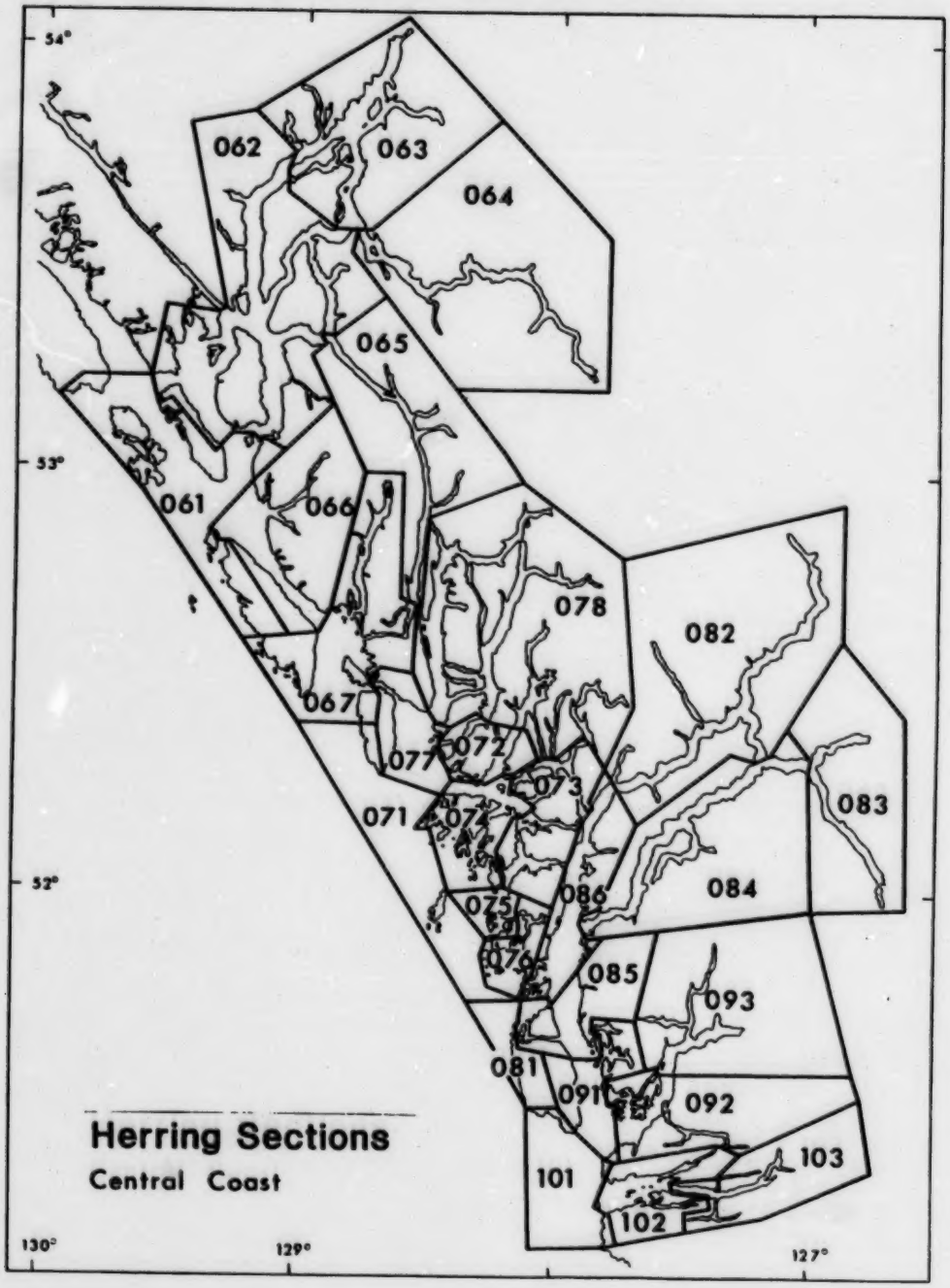

Fig. 3. Herring sections in the Central Coast region.

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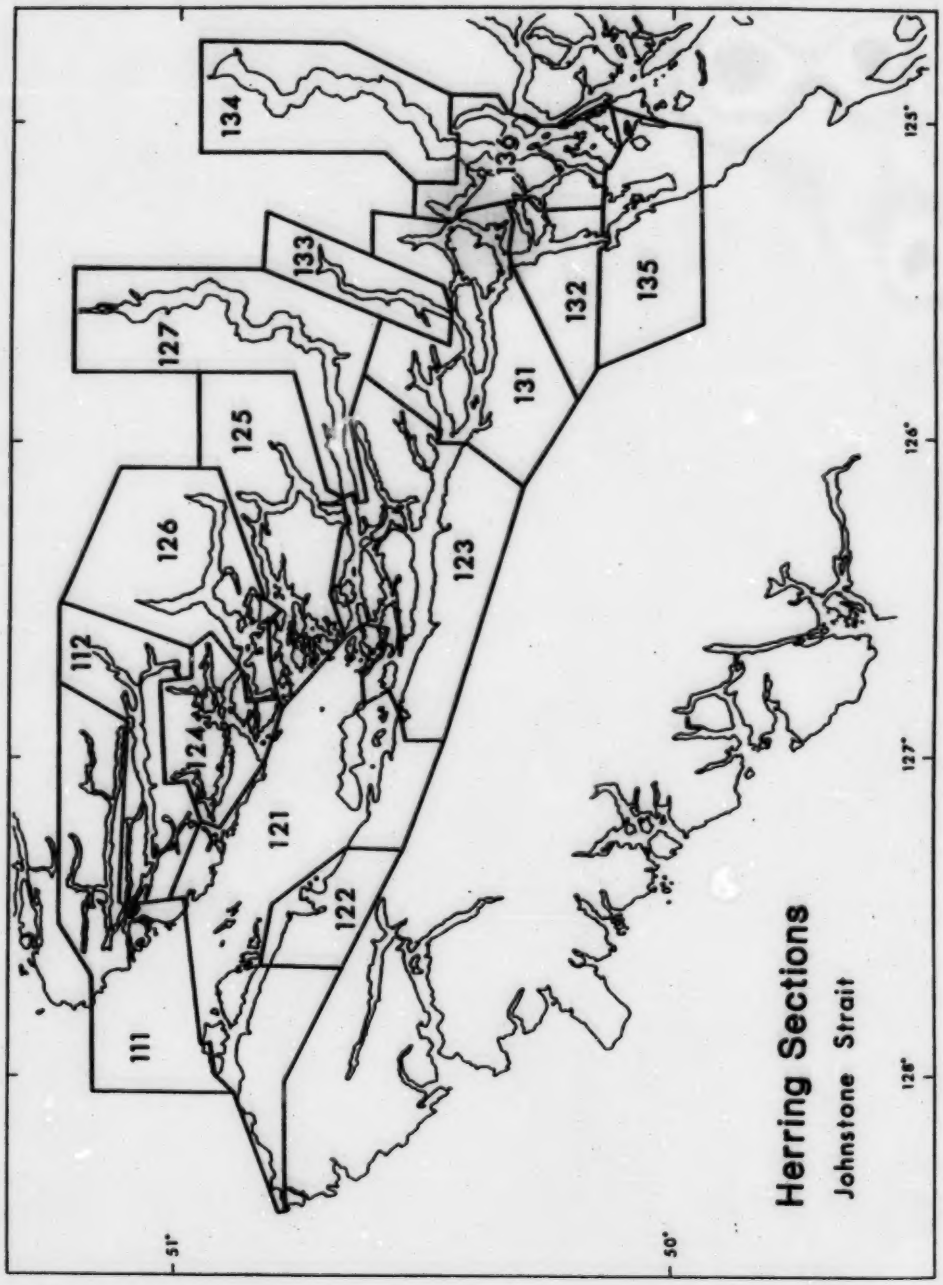

Fig. 4. Herring sections in the Johnstone Strait region.

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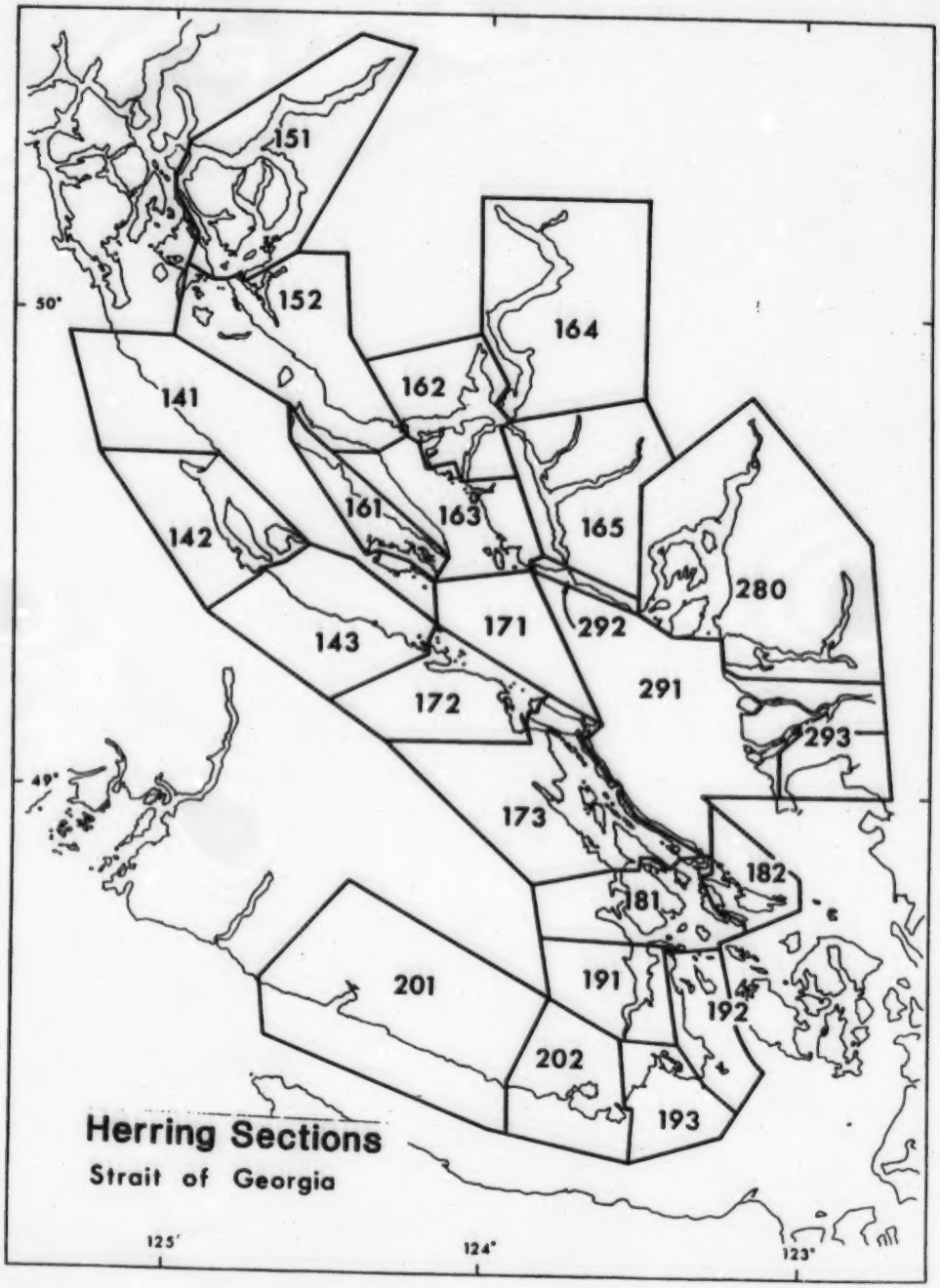

Fig. 5. Herring sections in the Strait of Georgia region.

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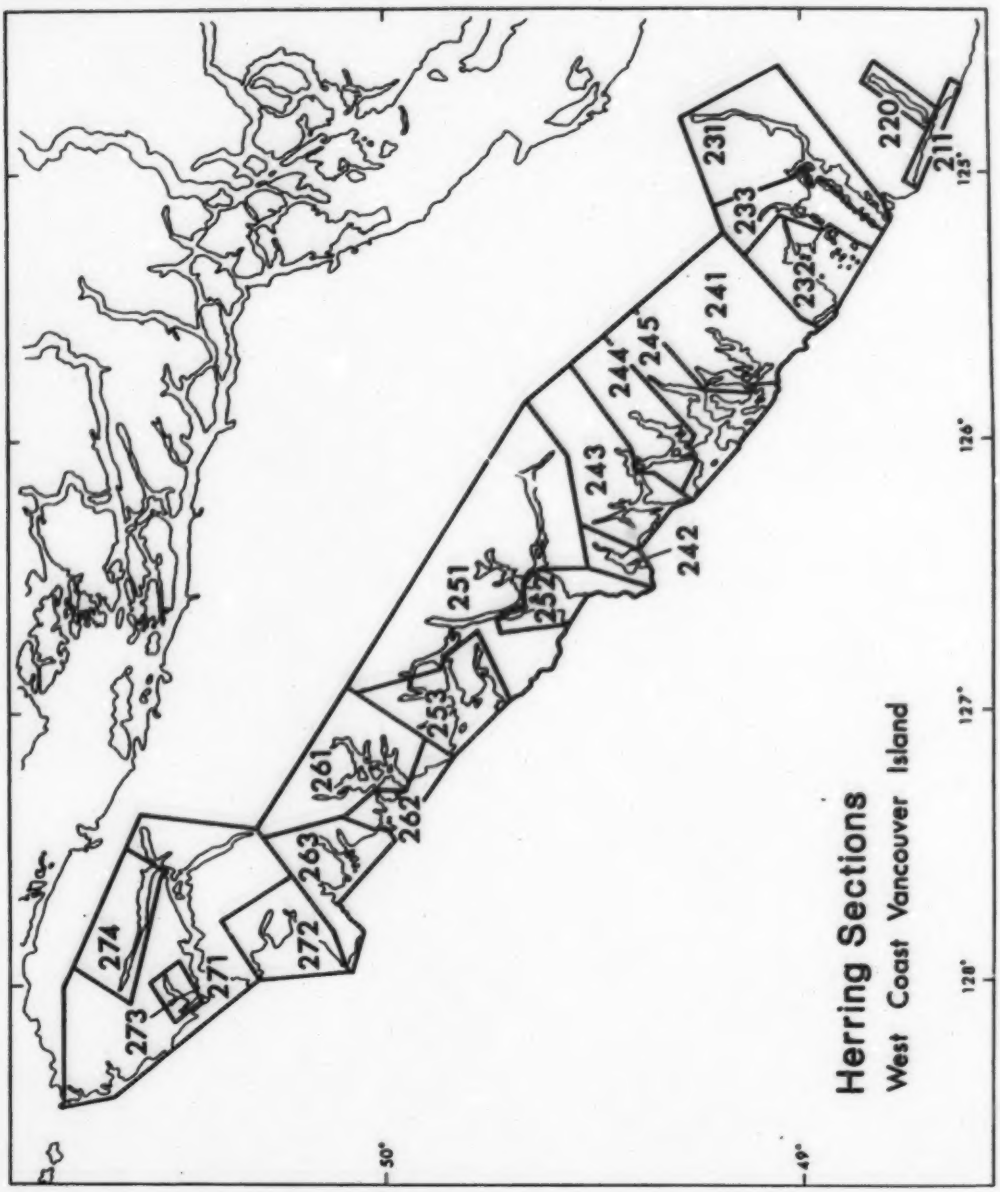

Fig. 6. Herring sections in the West Coast Vancouver Island region.

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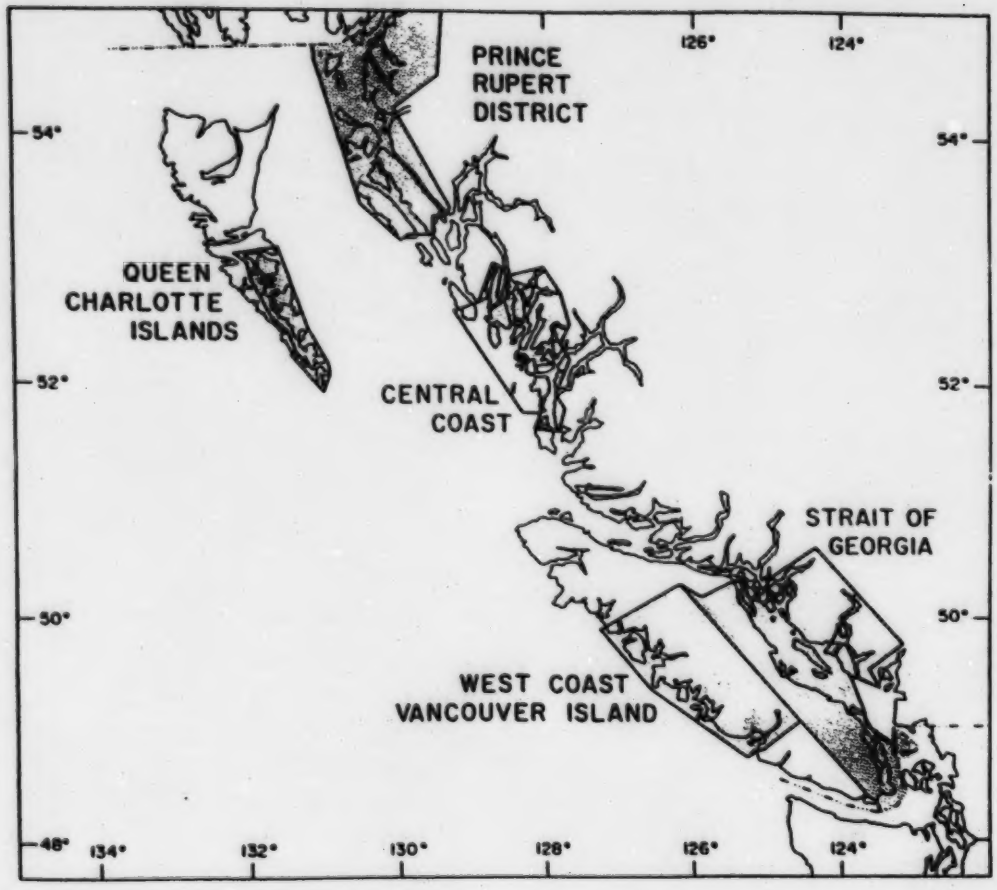

Fig. 7. Herring stock assessment regions in British Columbia.